



### FIRESIDE CHAT

*The Fireside Chat is held on the first and third Tuesday of the month. This month it is on Tuesday May 3<sup>rd</sup> and Tuesday April 17<sup>th</sup> at 7:00 p.m. It will be a Webex virtual meeting at:*

<https://richardlroberts.my.webex.com/meet/rlrobert>

The format is open and will be without an agenda or focus. It will be a great opportunity for both new and experienced hams to ask questions and share experiences. Please join us!

### SEMARc BOARD MEETING

Our next meeting for the board is May 10<sup>th</sup>. We plan to have a virtual meeting. Joe Hibberd will send out an email to all members the day before with instructions on how to join in on the meeting.

### REGULAR MEMBER MEETING

Our next regular member meeting is May 31<sup>st</sup>. No program has been planned at this time.

### NOTE FROM THE PREZ, RYC KDØZWM

MNARES will be conducting a Simulated Emergency Test (SET) on Saturday, July 16<sup>th</sup>. It will be to test communications support for MNVOAD. The exercise will be held in Stillwater and potentially in Cottage Grove. Communicators will be in the field with work teams performing CAN-P (Conditions, Actions, Needs and Personnel Accountability Check) Reports and send them to Net Control. Net Control will compile the reports and send them by Winlink to MNVOAD leadership. Additional SET's will also occur during the fall.

Ryc Lyden

[Info on AERO pages 5 - 7](#)



Military Auxiliary Radio System (MARS) members will be conducting an HF skills exercise from Monday night, May 2 through Saturday, May 7, 2022. The exercise is to practice interoperability with the amateur radio community.

John Regan, KA0HYR

[More info at ARRL.org](#)

### Did you know ...

The SEMARC webpage contains links to many websites that are helpful to new hams and experienced ones.

Visit [www.semarc.org/P10\\_UL.htm](http://www.semarc.org/P10_UL.htm).

### NOTICE:

146.985 repeater is out of service for repair and users should switch to the 147.18 South with 74.4 tone or 147.18 north with 100 tone **till further notice**. Our Wednesday will be held there.

Dick, NØUC

### South East Metro Amateur Radio Club

Dick Roberts, NØUC

1655 - 68th Street West

Inver Grove Heights, MN 55077-2222

651-208-0889

[Cont. on page 2](#)

### MEMBER MEETING PROGRAM SURVEY

The Board is always looking for program ideas for the member meetings. What would you like to see for programs this year? Please send your ideas to Dick Roberts [n0uc@comcast.net](mailto:n0uc@comcast.net) and he will bring your ideas to the Board meeting.

### ARES REPORT

Just a reminder that our ARES repeater frequencies are 147.180, PL 74.4 in Newport, or PL 100 in Forest Lake.

### INFORMAL CW ROUND-TABLE NET

Every Wednesday evening at 1900 hours on 28.110 MHz

### WEDNESDAY NIGHT 2M NET

Our club holds a 2-meter net every Wednesday at 8:00 p.m. It is an informal, but controlled, net on the 146.985 repeater. We are in the need for several alternate Net Control Stations who can fill in when one of the scheduled NCS is not available.

If you are interested, please contact:

Dick Roberts at  
[n0uc@comcast.net](mailto:n0uc@comcast.net)

### THE DIGITAL CORNER

Digital Net follows SEMARC net on Wed pm.

Go to [www.w1hkj.com](http://www.w1hkj.com) for software & help.

Fldigi v. 3.23.09 Flmsg v. 2.0.17  
Flamp v. 2.1.03 Flwrap v. 1.3.4

Meet on 146.985 and QSY to 144.950.

Mode is BPSK125. Other modes possible.

Sign up with N0UC  
[n0uc@comcast.net](mailto:n0uc@comcast.net) for net bulletins & help.

## Stillwater Amateur Radio Club

SARA has graciously welcomed SEMARC members to attend their events, and more...

### [Round Robin Ragchew on the SARA repeater](#)

147.060 - info to access the repeater is here [W0JH Repeater](#)

Tuesday's - 7:00 pm - 8:00 pm      Wednesdays - 9:00 pm - 9:30 pm

### [Social/Special Meetings](#)

Thursday Evenings: Social and informal "Eyeball QSO"  
sessions from 6PM to 8PM

This is a reminder of **Fourth Tuesday** -- a *brand new* SEMARC event held when a month has 5 or more (hi, hi) Tuesdays.

Fourth Tuesdays are informative sessions on a topic of interest to both new and experienced hams. Last months topic was "Your First QSO" presented by Dick Roberts N0UC.

They are held at 1900 hours at [Cottage Grove Fire Station #3](#) 7500 75th St. S. in "old" Cottage Grove. This months meeting is on the 24<sup>th</sup>.

CUL and 73,

Joe Hibberd W3QLC - SEMARC Secretary

## April VE Session Report

We ended up with 11 Candidates. The short report is everyone got what they came for. The details are:

7 New Techs - 2 new generals - 2 new extras

A good time was had by all

Thanks Everyone

Any questions call the club hot line at 651-769-0358 or email [wd0gup@hotmail.com](mailto:wd0gup@hotmail.com).

VE News, we will be normalizing VE operations as it relates to COVID. For the time being I will still preregister candidates and VE's. That means no walk-ins but we also will not have head count restrictions. I also have incorporated a self-survey and ask anyone that answers yes to any of the questions to call me.

Thanks to all VE's that helped us get through this tough COVID time.

Dan Franz. WD0GUP

### Planning Calendar

May 12 <sup>th</sup> (T) Board Meeting	June 14 <sup>th</sup> (T) Board Meeting
May 21 <sup>st</sup> (S) VE Session & B'fast	June 24 <sup>th</sup> (S) VE Session & B'fast
May 24 <sup>th</sup> (T) Fourth Tuesday	June 28 <sup>th</sup> (T) Club Meeting
May 31 <sup>st</sup> (T) Club Meeting	

### SEMARC VE Sessions

VE exam sessions are held every 3rd Saturday. The next VE session is on May 21<sup>st</sup>. Exams are held at 9:00 am at Zion Lutheran Church. Call 651-769-0358 for information, to register or to arrange for special needs. Information is posted on the webpages also.

## MS Society Bike events

Hi everyone,

**We are 3 weeks from our first event of the year.** The MS Twin Cities ride is **Sunday, May15**. We have 6 rest stop communications slots, 4 SAG Assistants and 3 SAG Drivers that we need to fill.

The second event for the year is the MS-150, June 11-12. We need 25 Rest Stop communications slots to fill. We also have 24 SAG Drivers and 25 SAG Assistants slots to fill.

The last event of the year is the MS TRAM, a 5 day event on July 18-22. We need 60 rest stop communications slots, 20 SAG Drivers, and 20 SAG Assistants. If you can help on any of the events please sign-up with links below.

MS Twin Cities: [https://nmss.galaxydigital.com/need/index?s=1&need\\_init\\_id=5854](https://nmss.galaxydigital.com/need/index?s=1&need_init_id=5854)

MS -150: [https://nmss.galaxydigital.com/need/index?s=1&need\\_init\\_id=5866](https://nmss.galaxydigital.com/need/index?s=1&need_init_id=5866)

MS-TRAM: Volunteer registration will be open soon.

Thanks,

Chris Schultz, NREMT, COMT(t)  
KCØYFX  
320-217-2692

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## Winlink Training Net

Starting on April 6, 2022 we will be holding a Winlink training net after our regular Wednesday two meter activity net for persons interested in using the Winlink programs and for ARES members to improve their proficiency in using the tool during emergency communication events. This net will start after completion of the activity and last about an hour.

The net will start on the 147.18 repeater to collect a roster and setup the instructions for the training and practice. We will then move to the MN ARES digital frequency to do the hands on portion of the net. We will be concentrating on point to point communication. Since during most communication emergencies the loss of the internet is very likely the need for P2P is high. During a communications emergency it is all hands on deck so you don't need to be an ARES member to help out. It is easier to learn now than during the emergency. We will be learning how to move traffic via P2P to a local destination or to a gateway station that has internet connectivity. The use of forms and message content is for a different training segment for another time not this net.

Before net time make yourself acquainted with winlink and winlink express. Take time to view the youtube links and install the needed software. We will be using VARA FM during the hands on portion of the nets. The links are provided below. There will be a number of questions that will pop up and we will work through those as the nets go along. As these are training nets hopefully your questions will get answers. As you have heard many times practice make perfection or as us older fellows say "practice helps us remember". If you have questions on ARES send to John Regan [jeregan3@gmail.com](mailto:jeregan3@gmail.com) about the net [n0uc@comcast.net](mailto:n0uc@comcast.net).

CU on the nets, 73

Dick N0UC

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### **REMEMBER**

**Members** can advertise items for sale AND items you are looking for.

The fee for placing ads is a membership in the SEMARC club, a small price to pay for access to all the club benefits and the many club members and their friends in other clubs that may be looking for just what you have to offer.

Also we can use articles in any aspect of Ham Radio that is of interest to you that may benefit the rest of us.

**Annual Armed Forces Day Cross-Band Exercise** is set for **May 14<sup>th</sup>** this year. This exercise is open to all licensed amateurs. The purpose is to practice communications between military communicators and radio stations in the Amateur Radio Service. Tentative plans were for amateurs to answer the military net control call by transmitting on channel one of the sixty meter band. More details are expected to be published on the ARRL web site in April, so stay tuned.

Thanks again!

John Regan, KA0HYR

Welcome to the Washington County ARES website (ARES Unit 163MN01).... Face - to - face ARES activities are in suspension until further notice due to Covid-19.... Check the two ARES Digital Nets in Minnesota and participate; Info under the [Events tab](#) gives details... 60 Meter Interoperability exercises scheduled = see events tab and participate with us!....The 147.180 Repeater is running at the Newport site (PL 74.4) and Forest Lake site(PL 100); we use this repeater for drills and activations. This covers the entire county and is in our WashCoARES Emergency Communications Plan... Support our Amateur Radio Clubs through your participation.

John Regan, KA0YHR

Washington County is again holding the **Radiological Emergency Preparedness (REP) Drill** this year. Most of you have been involved in the years before Covid. We are asked to provide radio communications at the various stations again. The drill will be from 1700 to 2000 on May 25<sup>th</sup>.

Please let both Lee Dhein and me, KA0HYR, know if you can help by Friday, May 13<sup>th</sup>. Your help will be greatly appreciated. Thank You.

John Regan, KA0YHR

## 2022 SEMARC OPERATING EVENTS

SEMARC is planning the following operating events for 2022. Anyone willing to chair one of these events, please email Dave Larson, KE0HAL, at [daveanddanita@usfamily.net](mailto:daveanddanita@usfamily.net). **Help is needed with this many events.** There are always some members willing to assist with set up and take down.

DATE	DESCRIPTION	TIME	LOCATION	CHAIR
5/14/2022	MN BIRTHDAY BASH SPECIAL EVENT K0M	10AM TO 4PM	CG FIRE STATION #3	N0BM & KE0HAL
6/4/2022	BATTLE OF MIDWAY COMMEMORATION SPECIAL EVENT W0M	10AM TO 4PM	FLEMING FIELD, S. ST. PAUL	N0BM & KE0HAL
6/25 & 6/26	FIELD DAY	1 PM SAT TO 1 PM SUNDAY OPERATING TIME	CG FIRE STATION #3	KD0IRF
7/9/2022	FRESH AIR OPERATING EVENT	10AM TO 4PM	CG FIRE STATION #3	KE0HAL
8/27/2022	POTA EVENT	10AM TO 4PM	JAYCEE PARK HASTINGS	TBD
9/10/2022	US AIR MAIL COMMEMORATION SPECIAL EVENT K0A	10AM TO 4PM	MOUNDS PARK OR CG FIRE	TBD
10/8/2022	FOX HUNT	10AM TO 2PM	ZION LUTHERAN PARKING LOT	WD0GUP



# Course Catalog

AERO Course Progression	
Course Title	Pre-requisites
<b>Field Level Courses</b>	
AERO 100: Basic Radio Operations	None
AERO 101: Introduction to Emergency Communications	AERO 100 is suggested, ICS 100 & 700
AERO 102: Advanced Emergency Communications	AERO 101, ICS 200 & 800
AERO 103: Data Communications (In development)	AERO 102
AERO 111: Communications for CERTS (Under consideration)	
AERO 112: Basic Communications for Adjunct Emergency Teams (Under consideration)	
<b>Net Control Courses</b>	
AERO 200: Fundamentals of Net Control	AERO 102
AERO 201: Introduction to EmComm Net Control	AERO 200
AERO 202: Advanced EmComm Net Control	AERO 201
<b>EmComm Management Courses</b>	
AERO 301: (AuxComm) Specialist	AERO 202 and AuxComm
AERO 302: (AuxComm) Manager	AERO 301
AERO 303:	AERO 302

AuxComm will be official in title when the State adds it to the PTB.

## AERO 100: Basic Radio Operations

This is a course available to and taught by clubs. It is free for the asking.

### Course Objectives

- Identify radio features and controls
- Use correct radio operating procedures
  - Proper radio etiquette
  - Procedural words and phonetics
- Program frequencies and access tones
- Understand simplex vs duplex modes

## **AERO 101: Introduction to Emergency Communications for the Amateur Radio Operator**

### Course Objectives

- Describe the roles of amateur radio operators in emergency communications
- Be able to describe the role of amateur radio during emergency communications and list potential agencies that may be served
- Be able to describe appropriate etiquette and professional interactions during emergency communications operations
- Be able to describe what a “net” is and how they are used
- Be able to describe basic net operations
- Be able to demonstrate proper basic radio communications skills
- Be able to describe the purpose, use, and benefits of the Incident Command System
- Be able to list and demonstrate how to complete pertinent ICS forms used in radio communications

## **AERO 102: Advance Emergency Communications for the Amateur Radio Operator**

### Course Objectives

- Communicate information effectively to incident personnel
- Provide effective communications support during routine or non-emergency situations
- Provide effective communications support during emergency situation
- Demonstrate familiarity with basic COMU (Communications Unit) functions capabilities
- Demonstrate proper application of communications policies and procedures
- Demonstrate proper use of communications equipment

## **AERO 200: Fundamentals of Net Control**

### Course Objectives

- Understand the notion of a “served agency”
- Understand the role of the net control station
- Understand the operation of a “directed net”
- Understand net control operator responsibilities

## **AERO 201: Introduction to Net Control**

### Course Objectives

- Review of ‘EmComm’
- Review of net operations
- Review of ICS
- Review the role of the net control operator
- Be able to describe net control operations
- Explain the role of the net control operator
- Become familiar with net control operations
- Learn to listen for call signs – amateur radio and tactical
- Learn to run and EmComm net – regardless of radio or radio system

## **AERO 202: Advanced EmComm Net Control**

### Course Objectives

- Given a scenario, develop and potential ICS structure
- Determine the resources available for communications
- Determine and set up various incident nets
- Run a simulated net

AERO 300 Series are in development and will be available for those with AuxComm training.

## METRO SKYWARN

We have posted the 2022 training schedule! Training will be online again this year. We will be monitoring the pandemic and if it is safe to hold in person training, we will try to offer a couple of classes.

Only 1 session (class) is required for the training.

**\*One registration per household (i.e. one Zoom license).** \*If your household needs to use more than one Zoom license (i.e. multiple computers or tablets), you may sign up for more.

Classes will be 3 hours and **\*PRE-REGISTRATION IS REQUIRED!** \*We will be sending the Zoom and registration links to those who are registered.

**\*If you did not take training last year, you are due this year.** \*If you took a class last year and still want to attend this year, you are welcome to join!

- Please log in 15 minutes before class starts to ensure you can connect. (morning classes begin at 9am, afternoon classes at 1pm, and evening classes at 6:00pm)

- If you are able, please use your computer's audio to connect instead of your phone as we are limited in the number of participants we can have. We will be using Zooms chat for questions and answers instead of verbal questions. At the end of class we will open it up for verbal questions or discussion.

- We recommend you use a computer with speakers so you can view the detailed photos and videos we display. You may not be able to see those details on a tablet or phone. Feel free to hook your device up to your TV!

- Be sure to download Zoom well before class. Go to [Zoom.com](https://zoom.us), then select Resources, then Download Zoom Client. Under Resources, Zoom also offers tutorials and live training sessions on how to use Zoom.

- To help with bandwidth, we ask that you do not use your camera during class.

- Avoid using Wi-Fi and plug directly into your modem to ensure smooth playing of the presentation.

- After class, we will be sending you an email that includes a link for registration. You must complete that within 3 full days after the class in order to get credit. We will send you an updated spotter card once we've updated your registration. Please allow 2 weeks. For spotters who are renewing, both Metro Skywarn and Skywatchers will be renewed. If you are a new spotter, Metro Skywarn will be issuing new spotter ids for those who are amateur radio operators. For those who new spotters and are not amateur radio operators, we are awaiting direction from the NWS.

- If you find that your internet cannot handle the Zoom presentation, please email [training@metroskywarn.org](mailto:training@metroskywarn.org) for options.

The calendar and list schedule can be found at  
<https://metroskywarn.org/calendar/>

The direct link to sign up is at:

<https://www.eventbrite.com/o/metro-skywarn-inc-7885991211>  
<[https://www.eventbrite.com/o/metro-skywarn-inc-7885991211?fbclid=3DIwAR33P=74aXLDqyMd8N8vkGF2Hp4YMIyO4JugUFuSMmxqkdv6OyDtD\\_qoKGhs](https://www.eventbrite.com/o/metro-skywarn-inc-7885991211?fbclid=3DIwAR33P=74aXLDqyMd8N8vkGF2Hp4YMIyO4JugUFuSMmxqkdv6OyDtD_qoKGhs)>

We look forward to having you in class!

Theresa Caspers

Education Coordinator

Metro Skywarn



Here is a [new section](#) for NEW HAMS studying for a license test with SEMARC & as a refresher for licensed hams wanting to check their knowledge -

Sponsored by **Dan WDØGUP**

Here you go...

Every month we will present three random questions from the VE exams:

Test your knowledge.

This information is widely available on the internet.

The questions are in no particular order and I would Like you to answer each question in three parts:

**First:** What is the correct answer

**Second:** What test did it come from (tech, gen or Extra)

**Third:** Did you know the answer or did you use the internet to find it?

**1 - What type of wave does a Fourier analysis show to be made up of sine waves of a given fundamental frequency plus all its harmonics?**

- a - a sine wave
- b - a square wave
- c - a sawtooth wave
- d - a cosine wave

**2 - Which type of rectifier circuit uses two diodes and a center tapped transformer?**

- a - Full-wave bridge
- b - Full-wave
- c - Half-wave
- d - Synchronous

**3 - Which of the following describes combining speech with an RF carrier?**

- a - Modulation
- b - Oscillations
- c - Impedance matching
- d - Low pass filtering

Answers can be found elsewhere in this newsletter

New hams with correct answers at the end  
of this section series will win

*(at the clubs discretion)*

A brand new ICOM IC-7851

**OR**

A **hearty congratulations!** from the club

Licensee: This is your ra authorization in sizes suitable for your wallet a for framing. Carefully cut documents along the line indicated and sign immediately upon receipt. They are not valid until signed.

The Commission suggests that the wallet size version be laminated (or another similar document protection process) after signing. The Commission has found under certain circumstances lower print is subject to displacement.

## FCC License Application Fee

FCC \$35 Amateur Application Fee Effective Date Was April 19, 2022

The FCC released a [Public Notice](#) on March 23, 2022, stating that the amateur radio application fees, including those associated with Form 605 application filings, would become effective on April 19, 2022. The Federal Communications Commission's authority to impose and collect fees is mandated by Congress.

**UPDATED INFORMATION:** The \$35 application fee, when it becomes effective on April 19, **will apply to new, renewal, and modification applications that request a new vanity call sign.** The fee will be per application processed by the FCC. If the applicant fails to pay within the 10-day window, the application will be dismissed by the FCC. The application will have to be refiled with the FCC which will restart the 10-day window. For examinees, an application can be refiled to the FCC, by the coordinating VEC, at any time before the CSCE expires.

**UPDATED INFORMATION:** Administrative updates, such as a change of name, mailing or email address, and **modification applications** to upgrade an amateur radio licensee's operator class\*, **will be exempt from fees.** ( \*this new information was just confirmed by FCC staff on Tuesday March 29. )

ARRL News on Facebook | Follow us for the most up to date information.

March 30, 2022

New FCC Application Fee **Will Not** Apply To Amateur Radio License Upgrades

<https://facebook.com/ARRL.org/posts/10159132430912408>

## New Operating Class Series

Rol Anders, K3RA, is known for his excellent classes. He is holding another "Operating Class" series sponsored by the Amateur Radio Club of the National Electronics Museum. It should be of particular interest to new operators, but will also be useful for experienced ops branching out into new forms of operating.

These are free, 3-hour Zoom sessions providing info on a wide range of Amateur Radio Operating Activities. If you have an interest in any areas, you can attend one, several, or all the classes. Please register directly with Rol. He will put out a more detailed schedule once the classes begin and send it to registered individuals.

Class dates: 7Apr2022 through 9Jun2022 (Thursdays)

Class times: 1730-2030 Central

Sessions will be taught by experts, and the subjects include:

All About Operating--A general Introduction

Amateur Radio Organizations—Local to International

Ham Radio Awards

DXing-History and Tips from the Experts

QSLing-How to get that needed card for DXCC or WAS

VHF/UHF Weak Signal Work and "Roving"

Image Operating—Slow Scan and Fast Scan TV

Remote Station control over internet

Learning CW in the no-code era

Digital Modes—From RTTY to FT8 and beyond

Contesting—How to get started, tips for the beginner and intermediated contester

Logging Software—What's available, how to use

Propagation—A general intro to HF Propagation

Amateur Satellites—How to get started

Portable (backpacking) operation—Tips from an expert

Setting Up a Modern (or not so modern) HF Station

Lightning Protection and Grounding

Traffic Handling

Public Service, Emergency Communications

A detailed syllabus will be published before the classes begin. Attend them all, or any that you like, but you must register for the classes. To receive registration information, contact Rol Anders, K3RA, at [roland.anders@comcast.net](mailto:roland.anders@comcast.net).

Membership meetings are held in Cottage Grove at the  
**Zion Lutheran Church 8500 Hillside Trail South**

We meet on the LAST Tuesday of the month at 7:00 p.m. **Except December & January**

Watch for updates and more information in the Sunday Bulletin email message.

New members, especially those who passed one of our VE exam sessions, are encouraged to attend so that we can meet you in person.

We hope to see you there.

(As is our tradition anyone with a birthday in the meeting month is asked to bring cookies or other snack to share.)

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### CLUB APPAREL

You have seen some members wearing SEMARC caps, shirts and jackets. If you would like to order one for yourself, visit our website at [ApparelOrderForm.pdf \(semarc.org\)](#), then contact our order coordinator Dan Franz at [wd0gup@hotmail.com](mailto:wd0gup@hotmail.com). Dan will accept your order and payment, then order the item(s) from our vendor Advanced Sportswear in Newport.

If you have questions, contact **Joe Hibberd** at [joehibberd11@gmail.com](mailto:joehibberd11@gmail.com).

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Help your XYL, children, grandchildren, friends and neighbors get their Technician license.

[https://k0ltc.org/tech\\_license\\_class/](https://k0ltc.org/tech_license_class/)

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### Answers for the Test Your Knowledge section

- 1 - c
- 2 - b
- 3 - a

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### New Club members can:

Keep in touch, post amateur related articles, sell amateur related items or asked for help and/or questions of other members.

This is a private network for our member's only and does not allow incoming or outgoing traffic to other networks.

Members will be getting an email requesting them to join and they can opt in or out.

Dick NØUC



SEMARC members Art Thell NØIWQ (*right*), representing the St. Paul Radio Club, and Dick Roberts NØUC display the certificate for the SPRC 2021 Member of the Year Award for Richard "Skip" Jackson KSØJ at the April 26 SEMARC membership meeting. Skip is the former ARRL Minnesota Section Manager and SEMARC secretary. Dick will be presenting the award to Skip.



April 26th Membership meeting  
There are plenty more tables and chairs for all



April 16th VE Testing Session



## THIS MONTHS WORLDWIDE CONTESTS

Thank you to [Bruce Horn WA7BNM](#) for the sharing of his calendar

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



Click the [±](#) link go to the specific contest info page

<a href="#">±</a> SBMS 2.3 GHz and Up Contest and Club Challenge	0600 local, Apr 30 to 2359 local, May 1
<a href="#">±</a> UK/EI DX Contest, CW	1200Z, Apr 30 to 1200Z, May 1
<a href="#">±</a> Russian WW MultiMode Contest	1200Z, Apr 30 to 1159Z, May 1
<a href="#">±</a> Florida QSO Party	1600Z, Apr 30 to 0159Z, May 1 and 1200Z-2159Z, May 1
<a href="#">±</a> AGCW QRP/QRP Party	1300Z-1900Z, May 1
<a href="#">±</a> K1USN Slow Speed Test	0000Z-0100Z, May 2
<a href="#">±</a> ICWC Medium Speed Test	1300Z-1400Z, May 2
<a href="#">±</a> OK1WC Memorial	1630Z-1729Z, May 2
<a href="#">±</a> ICWC Medium Speed Test	1900Z-2000Z, May 2
<a href="#">±</a> Worldwide Sideband Activity Contest	0100Z-0159Z, May 3
<a href="#">±</a> ARS Spartan Sprint	0100Z-0300Z, May 3
<a href="#">±</a> ICWC Medium Speed Test	0300Z-0400Z, May 3
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 3
<a href="#">±</a> Phone Weekly Test	0230Z-0300Z, May 4
<a href="#">±</a> A1Club AWT	1200Z-1300Z, May 4
<a href="#">±</a> CWops Test	1300Z-1400Z, May 4
<a href="#">±</a> VHF-UHF FT8 Activity Contest	1700Z-2000Z, May 4
<a href="#">±</a> Mini-Test 40	1700Z-1759Z, May 4
<a href="#">±</a> Mini-Test 80	1800Z-1859Z, May 4
<a href="#">±</a> CWops Test	1900Z-2000Z, May 4
<a href="#">±</a> MIE 33 Contest	2300Z, May 4 to 0300Z, May 5
<a href="#">±</a> Walk for the Bacon QRP Contest	0000Z-0100Z, May 5 and 0200Z-0300Z, May 6
<a href="#">±</a> CWops Test	0300Z-0400Z, May 5
<a href="#">±</a> CWops Test	0700Z-0800Z, May 5
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 5
<a href="#">±</a> NRAU 10m Activity Contest	1700Z-1800Z, May 5 (CW) and 1800Z-1900Z, May 5 (SSB) and 1900Z-2000Z, May 5 (FM) and 2000Z-2100Z, May 5 (Dig)





## THIS MONTHS WORLDWIDE CONTESTS



Click the [±](#) link go to the specific contest info page

<a href="#">±</a> EACW Meeting	1900Z-2000Z, May 5
<a href="#">±</a> SKCC Sprint Europe	1900Z-2100Z, May 5
<a href="#">±</a> NCCC RTTY Sprint	0145Z-0215Z, May 6
<a href="#">±</a> NCCC Sprint	0230Z-0300Z, May 6
<a href="#">±</a> K1USN Slow Speed Test	2000Z-2100Z, May 6
<a href="#">±</a> 10-10 Int. Spring Contest, CW	0001Z, May 7 to 2359Z, May 8
<a href="#">±</a> RCC Cup	0300Z-0859Z, May 7
<a href="#">±</a> Microwave Spring Sprint	0800-1400 local, May 7
<a href="#">±</a> F9AA Cup, Digi	1200Z, May 7 to 1200Z, May 8
<a href="#">±</a> ARI International DX Contest	1200Z, May 7 to 1159Z, May 8
<a href="#">±</a> SKCC Weekend Sprintathon	1200Z, May 7 to 2400Z, May 8
<a href="#">±</a> 7th Call Area QSO Party	1300Z, May 7 to 0700Z, May 8
<a href="#">±</a> Indiana QSO Party	1500Z, May 7 to 0300Z, May 8
<a href="#">±</a> Delaware QSO Party	1700Z, May 7 to 2359Z, May 8
<a href="#">±</a> New England QSO Party	2000Z, May 7 to 0500Z, May 8 and 1300Z-2400Z, May 8
<a href="#">±</a> WAB 7 MHz Phone	1000Z-1400Z, May 8
<a href="#">±</a> K1USN Slow Speed Test	0000Z-0100Z, May 9
<a href="#">±</a> 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, May 9
<a href="#">±</a> ICWC Medium Speed Test	1300Z-1400Z, May 9
<a href="#">±</a> OK1WC Memorial	1630Z-1729Z, May 9
<a href="#">±</a> ICWC Medium Speed Test	1900Z-2000Z, May 9
<a href="#">±</a> RSGB 80m Club Championship, SSB	1900Z-2030Z, May 9
<a href="#">±</a> Worldwide Sideband Activity Contest	0100Z-0159Z, May 10
<a href="#">±</a> ICWC Medium Speed Test	0300Z-0400Z, May 10
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 10
<a href="#">±</a> Phone Weekly Test	0230Z-0300Z, May 11
<a href="#">±</a> A1Club AWT	1200Z-1300Z, May 11
<a href="#">±</a> CWops Test	1300Z-1400Z, May 11
<a href="#">±</a> Mini-Test 40	1700Z-1759Z, May 11



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<a href="#">±</a> VHF-UHF FT8 Activity Contest	1700Z-2000Z, May 11
<a href="#">±</a> Mini-Test 80	1800Z-1859Z, May 11
<a href="#">±</a> CWops Test	1900Z-2000Z, May 11
<a href="#">±</a> CWops Test	0300Z-0400Z, May 12
<a href="#">±</a> CWops Test	0700Z-0800Z, May 12
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 12
<a href="#">±</a> EACW Meeting	1900Z-2000Z, May 12
<a href="#">±</a> NCCC RTTY Sprint	0145Z-0215Z, May 13
<a href="#">±</a> NCCC Sprint	0230Z-0300Z, May 13
<a href="#">±</a> K1USN Slow Speed Test	2000Z-2100Z, May 13
<a href="#">±</a> Portuguese Navy Day Contest - CT1DBS Memorial	0900Z, May 14 to 0900Z, May 15
<a href="#">±</a> CQ-M International DX Contest	1200Z, May 14 to 1159Z, May 15
<a href="#">±</a> VOLTA WW RTTY Contest	1200Z, May 14 to 1200Z, May 15
<a href="#">±</a> Canadian Prairies QSO Party	1700Z, May 14 to 0300Z, May 15
<a href="#">±</a> 50 MHz Spring Sprint	2300Z, May 14 to 0300Z, May 15
<a href="#">±</a> Run for the Bacon QRP Contest	2300Z, May 15 to 0100Z, May 16
<a href="#">±</a> K1USN Slow Speed Test	0000Z-0100Z, May 16
<a href="#">±</a> ICWC Medium Speed Test	1300Z-1400Z, May 16
<a href="#">±</a> OK1WC Memorial	1630Z-1729Z, May 16
<a href="#">±</a> ICWC Medium Speed Test	1900Z-2000Z, May 16
<a href="#">±</a> Worldwide Sideband Activity Contest	0100Z-0159Z, May 17
<a href="#">±</a> ICWC Medium Speed Test	0300Z-0400Z, May 17
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 17
<a href="#">±</a> Phone Weekly Test	0230Z-0300Z, May 18
<a href="#">±</a> A1Club AWT	1200Z-1300Z, May 18
<a href="#">±</a> CWops Test	1300Z-1400Z, May 18
<a href="#">±</a> VHF-UHF FT8 Activity Contest	1700Z-2000Z, May 18
<a href="#">±</a> Mini-Test 40	1700Z-1759Z, May 18
<a href="#">±</a> Mini-Test 80	1800Z-1859Z, May 18



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<a href="#">±</a> CWops Test	1900Z-2000Z, May 18
<a href="#">±</a> RSGB 80m Club Championship, Data	1900Z-2030Z, May 18
<a href="#">±</a> Walk for the Bacon QRP Contest	0000Z-0100Z, May 19 and 0200Z-0300Z, May 20
<a href="#">±</a> NAQCC CW Sprint	0030Z-0230Z, May 19
<a href="#">±</a> CWops Test	0300Z-0400Z, May 19
<a href="#">±</a> CWops Test	0700Z-0800Z, May 19
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 19
<a href="#">±</a> NTC QSO Party	1900Z-2000Z, May 19
<a href="#">±</a> EACW Meeting	1900Z-2000Z, May 19
<a href="#">±</a> NCCC RTTY Sprint	0145Z-0215Z, May 20
<a href="#">±</a> NCCC Sprint	0230Z-0300Z, May 20
<a href="#">±</a> K1USN Slow Speed Test	2000Z-2100Z, May 20
<a href="#">±</a> SARL VHF/UHF Digital Contest	0300Z-0500Z, May 21 (6m) and 0500Z-0700Z, May 21 (2m) and 0700Z-0900Z, May 21 (70cm) and 0300Z-0500Z, May 22 (6m) and 0500Z-0700Z, May 22 (2m) and 0700Z-0900Z, May 22 (70cm)
<a href="#">±</a> UN DX Contest	0600Z-2100Z, May 21
<a href="#">±</a> YOTA Contest	0800Z-1959Z, May 21
<a href="#">±</a> NZART Sangster Shield Contest	0800Z-1100Z, May 21 and 0800Z-1100Z, May 22
<a href="#">±</a> EU PSK DX Contest	1200Z, May 21 to 1200Z, May 22
<a href="#">±</a> His Maj. King of Spain Contest, CW	1200Z, May 21 to 1200Z, May 22
<a href="#">±</a> Arkansas QSO Party	1400Z, May 21 to 0200Z, May 22
<a href="#">±</a> Feld Hell Sprint	1600Z-1759Z, May 21 and 2000Z-2159Z, May 21
<a href="#">±</a> Baltic Contest	2100Z, May 21 to 0200Z, May 22
<a href="#">±</a> K1USN Slow Speed Test	0000Z-0100Z, May 23
<a href="#">±</a> QRP ARCI Hootowl Sprint	0000Z-0100Z, May 23
<a href="#">±</a> ICWC Medium Speed Test	1300Z-1400Z, May 23
<a href="#">±</a> OK1WC Memorial	1630Z-1729Z, May 23
<a href="#">±</a> ICWC Medium Speed Test	1900Z-2000Z, May 23





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<a href="#">±</a> Worldwide Sideband Activity Contest	0100Z-0159Z, May 24
<a href="#">±</a> ICWC Medium Speed Test	0300Z-0400Z, May 24
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 24
<a href="#">±</a> SKCC Sprint	0000Z-0200Z, May 25
<a href="#">±</a> Phone Weekly Test	0230Z-0300Z, May 25
<a href="#">±</a> A1Club AWT	1200Z-1300Z, May 25
<a href="#">±</a> CWops Test	1300Z-1400Z, May 25
<a href="#">±</a> Mini-Test 40	1700Z-1759Z, May 25
<a href="#">±</a> Mini-Test 80	1800Z-1859Z, May 25
<a href="#">±</a> CWops Test	1900Z-2000Z, May 25
<a href="#">±</a> CWops Test	0300Z-0400Z, May 26
<a href="#">±</a> CWops Test	0700Z-0800Z, May 26
<a href="#">±</a> QRP Minimal Art Session	1400Z-2200Z, May 26
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 26
<a href="#">±</a> RSGB 80m Club Championship, CW	1900Z-2030Z, May 26
<a href="#">±</a> EACW Meeting	1900Z-2000Z, May 26
<a href="#">±</a> NCCC RTTY Sprint	0145Z-0215Z, May 27
<a href="#">±</a> NCCC Sprint	0230Z-0300Z, May 27
<a href="#">±</a> K1USN Slow Speed Test	2000Z-2100Z, May 27
<a href="#">±</a> CQ WW WPX Contest, CW	0000Z, May 28 to 2359Z, May 29
<a href="#">±</a> K1USN Slow Speed Test	0000Z-0100Z, May 30
<a href="#">±</a> ICWC Medium Speed Test	1300Z-1400Z, May 30
<a href="#">±</a> QCX Challenge	1300Z-1400Z, May 30
<a href="#">±</a> OK1WC Memorial	1630Z-1729Z, May 30
<a href="#">±</a> RSGB FT4 Contest	1900Z-2030Z, May 30
<a href="#">±</a> ICWC Medium Speed Test	1900Z-2000Z, May 30
<a href="#">±</a> QCX Challenge	1900Z-2000Z, May 30
<a href="#">±</a> Worldwide Sideband Activity Contest	0100Z-0159Z, May 31
<a href="#">±</a> ICWC Medium Speed Test	0300Z-0400Z, May 31
<a href="#">±</a> QCX Challenge	0300Z-0400Z, May 31
<a href="#">±</a> RTTYOPS Weeksprint	1700Z-1900Z, May 31