



THE SEMARC TELEGRAPH October 2022

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THE SEMARC TELEGRAPH



FIRESIDE CHAT

The Fireside Chat is held on the first and third Tuesday of the month. This month it is on Tuesday, October 4th and Tuesday, October 18th 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 October 11th. 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 October 25th. No program has been planned at this time.

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MNVOAD Communications Exercise

MNVOAD will be having another communications exercise on October 22nd in Bloomington. It will run from 9:00 until 1:00 and include a lunch. Organizations that will be involved in it are: MNVOAD; Red Cross; Salvation Army; MNARES; and a few others. If you participated in the exercise in Cottage Grove and would like to help out as a 'mentor' to others we have a slot for you. It is our goal to train as many ARES personnel as possible over the next year with exercises coming together around the state.

Elections will be coming up soon. If you've ever considered taking more of a role in SEMARC this may be your opportunity. This will be my last year as president due to my many other involvements and trying to wind down and enjoy retirement with my wife and family. I've greatly appreciated all of the support over the last several years and will stay involved with the club. But, it's time for some others to help giving direction to our future. We've enjoyed a great resurgence of having events and fun. I will always look back at the great socializing and air time with my SEMARC friends and family.

Thank you.

Ryc Lyden 651-434-4399

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 <u>till further</u> <u>notice</u>. 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

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** <u>nOuc@comcast.net</u> 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

THE DIGITAL CORNER

Digital Net follows SEMARC net on Wed pm.

Go to <u>www.w1hkj.com</u> 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 NØUC

n0uc@comcast.net for net bulletins & help.

Stillwater Amateur Radio Association

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 WØJH 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

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 <u>ApparelOrderForm.pdf (semarc.org)</u>, then contact our order coordinator Dan Franz at <u>wd0gup@hotmail.com</u>. 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.

September VE Session Report

There were 2 candidates on July 16. Two passed the Technician exam.

Dan Franz WDØGUP

Any questions call the club hot line at 651-769-0358 or email 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, WDØGUP

Planning Calendar

October 11th (T) Board Meeting October 15th (S) VE Session & B'fast October 25th (T) Club Meeting November 8th (T) Board Meeting November 19th (S) VE Session & B'fast November 29th (T) Club Meeting

SEMARC VE Sessions

VE exam sessions are held every 3rd Saturday. The next VE session is on October 15th. 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.

TC Marathon October

Still looking for volunteers.

Give back to your community as a skilled ham radio operator! Training to be of service such as Twin Cities Marathon, Skywarn, Public Safety, or MNVOAD. Get prepared for the next disaster or emergency.

The Twin Cities Marathon runs on October 2nd from 7am to 2pm. Net One operates on the Minneapolis side of the river.

Sign up here: <u>http://www.aresmn.org</u> and fill out the form on the page.

Consider signing up for ARES and helping with other events.

Then the following two weekends train for other emergency communications events!

ARRL Emergency Request to Permit Higher Data Rate

SB QST ARL ARLB018

ARLB018 FCC Grants an ARRL Emergency Request to Permit Higher Data Rate Transmissions for Hurricane Relief Communications

The Federal Communications Commission (FCC) has granted an ARRL emergency request for a 60-day temporary waiver intended to facilitate amateur radio emergency communications for hurricane relief. The waiver was adopted on Tuesday, September 27, 2022, and immediately permitted amateur radio operators supporting amateur data transmission for Hurricane lan traffic to employ a higher symbol rate for data transmissions than the current limit of 300 baud.

To read the full request please follow the link below.

<u>http://www.arrl.org/news/view/fcc-grants-an-arrl-emergency-request-to-permit-higher-data-rate-transmissions-for-hurricane-relief-c</u>

Free Zoom Technician Licensing Course

From our friends at SARA:

Though practically everyone reading this will already have a license, some may feel a need for a refresher, or have friends who wish to become hams, but haven't found a good resource to help them get.

From what I've heard, these classes are highly rated, so I urge anyone interested to check them out.

73, Greg, K0GW

Starting September 8 By K3RA, Rol Anders

A free, weekly, live, Amateur Radio Technician Class Licensing course on Zoom will begin on Thursday, Sept 8, and will run through Thursday, October 20 (7 sessions).

The three-hour sessions will start at 6:30 PM Eastern Time.

These are the classes that we have been holding for years sponsored by the National Electronics Museum.

Please publicize this with anyone you know that you think would be interested.

Those wishing to sign up should email me at:

roland.anders@comcast.net

October 2022

Alton "Ray" Pilgrim, KØZZT SK

It is my sad duty to inform you that Alton "Ray" Pilgrim, KØZZT, became a Silent Key early this morning, Friday Sept 23, 2022. Ray has been a member of the Stillwater Amateur Radio Association as well as the Southeast Metro Amateur Radio Club since becoming licensed just a few short years ago. Jumping in with the enthusiasm of a little kid, Ray became a regular on the Top Band and other on-air activities. Ray's reports from the "Soggy Bottom" in St Paul Park were always entertaining - who can forget the raccoon counts? He was also known for checking out quickly when the static crashes started, always playing it safe with his station. Ray could also be counted on to be one of the 1st if not THE 1st contact for our special event stations. If we weren't on the air where we said we'd be when we said we'd be there Ray was texting to find out what was up and when we'd be on the air.

Ray had been suffering through serious health issues lately and Jim WØELC called to check on Ray this morning only to hear this sad news. Arrangements are pending, although he will be interred at Ft Snelling National Cemetery.

Rest easy, Ray, you will be missed.

73,

Joe Heitzinger KCØOIO

September Was National Preparedness Month

Good Evening, Gents,

The ARRL has designated September as National Preparedness Month and has a nice article about this on their ARRL web page http://www.arrl.net/home. You might want to consider this for your upcoming newsletter. As you know, SEMARC has the first section of its Wednesday 8 PM nets designated for ARES Check-ins. SARA has Two meter Tuesday net recommending that participants use battery power on the first Tuesday of the month. The ARRL article makes some additional good points for your consideration.

Thanks for your work on our newsletters.

John Regan, KA0HYR

METRO SKYWARN

Metro Skywarn Weekly Radio Check-In

Wednesdays 8:30pm – 8:45pm

Join Metro Skywarn for our weekly amateur radio check-in at 8:30 p.m. every Wednesday during our active Net Control Station rotation schedule (thru October 16th).

These check-ins will be done on the 146.700- PL 127.3 WC0HC Downtown Minneapolis repeater.

This is your opportunity to **test your equipment** out outside of an active severe weather net. You can also ask the net control operators questions and just say hello!

2023 SEMARC Nominations and Election

2023 NOMINATIONS AND ELECTION

All club officers and board members, except the Trustee, are elected positions. Terms begin at the annual membership meeting in January. The process begins in October when the Board of Directors appoints a Nominating Committee. The Committee presents a slate of candidates for approval at the November Board meeting.

The club By-Laws require that if any position has more than one (1) candidate, the Secretary will mail notice of the annual election to all members. Ballots will be counted prior to the Annual Membership Meeting and announced at the meeting.

If all positions are unchallenged, a voice vote will occur at the Annual Membership Meeting.

For 2023 the positions open for election are President, Vice President, Secretary and Treasurer (one-year terms), and two (2) Member-at-Large positions (a 2-year term). The term for Trustee Dan Franz WDØGUP expires in 2024.

If you are interested in being on the Nominations Committee, or if you are interested in any of the elected positions, please contact

President Ryc Lyden KDØZWM at rylyden@gmail.com.

SEMARC Dues

From the Secretary...

It's officially fall/autumn and that means 4 things: football, falling leaves, pumpkin spice everything, and time to renew your SEMARC dues. Our membership follows the calendar year, so please complete the application <u>(click here for the form)</u> and submit by mail or in person at a meeting. Don't forget to make a donation to one of our special funds. Thanx.

Please note minutes of all membership and board meetings are available online at semarc.org/meeting minutes

73, Joe W3QLC

Did you know ...

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

Visit <u>www.semarc.org/P10_UL.htm</u>.

AERO 101: Introduction to Emergency Communications

October 8th, 2022 @ 1pm to 4pm - Webinar

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

- \cdot 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

Prerequisites for the class: FEMA ICS-100 and ICS-700 classes. Copies of your certificates will be needed for admissions to the class.

If you would like to take this class, please contact George Power, AERO Registrar, at <u>georgecpower@gmail.com</u>, and send your ICS certificates.

AERO 102: Advance Emergency Communications for the Amateur Radio Operator

Oct 15th, 2022 1pm to 4pm - Webinar

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

Prerequisites for the class: FEMA ICS-200 and ICS-800 classes. Copies of your certificates will be needed for admissions to the class.

If you would like to take this class, please contact George Power, AERO Registrar, at <u>georgecpower@gmail.com</u>, and send your ICS certificates.

This is one of the best ways to learn the skill of Emergency Communications (EMComm) and give back to your community for the fun you have with your privilege of an Amateur radio license.

Dave Johnson, NOKBD, AUXCOMM(t), COMT(t) n0kbd1@gmail.com www.n0kbd.com Hennepin County Emergency Management AUXCOMM Team ARES MN Metro District ADEC - PIO AERO MN Board Chair Maple Grove Skywarn NCS Metro Skywarn Advisor and Founding Board Director

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 about the net n0uc@comcast.net

CU on the nets, 73 Dick NOUC

Washington County ARES

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 <u>Events tab</u> 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, KAØYHR

MN VOAD to hold additional drill Sept. 22

MN VOAD will hold another ARES EM Com. practice drill on Sept 22. It will be similar to the one held in July with Washington County ARES members. Approximate hours are 9 am to 2 pm and will operate around Bloomington.

If interested in participating, contact Ryc Lyden, MN VOAD President directly at nyclyden@gmail.com.

John Regan, KAOHYR

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, KEØHAL, at <u>daveanddanita@usfamily.net</u>. <u>Help is needed with these events</u>. There are always some members willing to assist with set up and take down.

DATE	DESCRIPTION	TIME	LOCATION	CHAIR
10/8/2022	FOX HUNT	10AM TO 2PM	ZION LUTHERAN PARKING LOT	WDØGUP

SPECIAL EVENT STATION KØA-US AIR MAIL COMMEMORATION

SEMARC commemorated the US Air Mail system on Saturday, September 10 at Cottage Grove Fire Station #3. Although the weather was a little iffy at first (isn't it always?) it cleared up and we had a good day of operations. We operated three rigs during the day on end fed half wave and vertical antennas. There were about a dozen of us that participated as well as a couple of spouses.

Band conditions deteriorated during the day and we had some unknown interference affecting one of our operating positions. We were able to accumulate 73 FT8 contacts, 18 CW contacts, and 15 SSB contacts.

Everyone had a great time and the final fresh air event for 2022 was considered very successful. Please consider joining us at these events as it's always a good time.

Dave Larson, KEØHAL

In 1920, the United States established the North American Transcontinental Air Mail Route. By 1924, ground-based navigation aids were in place. The aids consisted of lighted airway towers mounted on concrete arrows indicating the direction of the next link in the system. In fact, two of the artifacts remain in Minnesota: a concrete arrow which can be viewed in Cottage Grove and a lighted tower in Mounds Park in St. Paul. The ground-based system continued for a number of years before functioning radio navigation in airplanes became common.

Find information and a certificate for contacting KØA go to http://semarc.org/2022 K0A.htm

For more information, visit these websites:

- The Indian Mounds Park Airway Beacon
- <u>Arrow in Cottage Grove</u>
- <u>Concrete Arrows and the U.S. Airmail Beacon System</u>
- The history of the U.S. Air Mail System



Click photo above to play video

SEMARC Special Event KØA



THE SEMARC TELEGRAPH



Fourth Tuesday

This is a reminder of **Fourth Tuesday** -- a <u>brand new</u> 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 NØUC.

They are held at 1900 hours at Cottage Grove Fire Station #3 7500 75th St. S. in "old" Cottage Grove.

CUL and 73,

Joe Hibberd W3QLC - SEMARC Secretary

For Sale

FREE 10' 1-1/2" OD Galvanized pipe (Mast) if anyone wants it David S Blume KDØIRF david.blume@usbank.com

I have a SEMARC shirt with collar. I probably wore it 2 or 3 times.

Size XL. Asking. \$ 20.

73. Fred WOULU

CUSHCRAFT Ringo Ranger 2m vertical base station antennas

Model ARX-2 with Manual; Current Retail price \$109; My price \$25; Pickup only; Cash; 2 available; Located in Southern Washington County, MN; Contact kd0co1@embargmail.com

CUSHCRAFT 2 meter vertical & horizontal YAGI base station antenna 144-148 MHZ

Model A148-20T with Manual; 10 element on vertical and horizontal; Boom Length 11 feet Current Retail price \$280; My price \$125; Pickup only; Cash; Located in Southern Washington County, MN

Contact kd0co1@embarqmail.com

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.)

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. This will occur in the first week of November

Dick NØUC

"Big Shot" line launcher

SEMARC has a "Big Shot" line launcher to assist members in getting wire antennas into high locations. This is a great time to put a line over trees.

If you want help putting up a line, contact:

Joe Hibberd at joehibberd11@gmail.com





THIS MONTHS WORLDWIDE CONTESTS
Thank you to Bruce Horn WA7BNM for the sharing of his calendar
https://www.contestcalendar.com/



<u>+</u> Collegiate QSO Party	0000Z, Oct 1 to 2359Z, Oct 2
<u>+</u> Worked All Provinces of China DX Contest	0600Z, Oct 1 to 0559Z, Oct 2
\pm TRC DX Contest	Cancelled for 2022
<u>+</u> Oceania DX Contest, Phone	0600Z, Oct 1 to 0600Z, Oct 2
<u>+</u> Russian WW Digital Contest	1200Z, Oct 1 to 1159Z, Oct 2
<u>+</u> IARU Region 1 UHF/Microwaves Contest	1400Z, Oct 1 to 1400Z, Oct 2
<u>+</u> International HELL-Contest	1600Z-1800Z, Oct 1 (80m) and 0900Z-1100Z, Oct 2 (40m)
<u>+</u> California QSO Party	1600Z, Oct 1 to 2200Z, Oct 2
± SKCC QSO Party	1800Z, Oct 1 to 1800Z, Oct 2
<u>+</u> RSGB DX Contest	0600Z-1800Z, Oct 2
± UBA ON Contest, SSB	0600Z-0900Z, Oct 2
<u>+</u> Peanut Power QRP Sprint	2200Z-2359Z, Oct 2
<u>+</u> K1USN Slow Speed Test	0000Z-0100Z, Oct 3
<u>+</u> German Telegraphy Contest	0700Z-1000Z, Oct 3
<u>+</u> ICWC Medium Speed Test	1300Z-1400Z, Oct 3
<u>+</u> OK1WC Memorial	1630Z-1729Z, Oct 3
<u>+</u> ICWC Medium Speed Test	1900Z-2000Z, Oct 3
<u>+</u> RSGB 80m Autumn Series, CW	1900Z-2030Z, Oct 3
<u>+</u> Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 4
<u>+</u> ARS Spartan Sprint	0100Z-0300Z, Oct 4
<u>+</u> ICWC Medium Speed Test	0300Z-0400Z, Oct 4
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Oct 4
<u>+</u> Phone Weekly Test	0230Z-0300Z, Oct 5
± A1Club AWT	1200Z-1300Z, Oct 5
<u>+</u> CWops Test	1300Z-1400Z, Oct 5
<u>+</u> VHF-UHF FT8 Activity Contest	1700Z-2100Z, Oct 5
<u>+</u> Mini-Test 40	1700Z-1759Z, Oct 5
<u>+</u> Mini-Test 80	1800Z-1859Z, Oct 5



<u>+</u> CWops Test	1900Z-2000Z, Oct 5	
<u>+</u> 432 MHz Fall Sprint	1900 local - 2300 local, Oct 5	
± UKEICC 80m Contest	2000Z-2100Z, Oct 5	
\pm Walk for the Bacon QRP Contest	0000Z-0100Z, Oct 6 and 0200Z-0300Z, Oct 7	
± CWops Test	0300Z-0400Z, Oct 6	
<u>+</u> CWops Test	0700Z-0800Z, Oct 6	
<u>+</u> NRAU 10m Activity Contest	1700Z-1800Z, Oct 6 (CW) and 1800Z-1900Z, Oct 6 (SSB) and 1900Z-2000Z, Oct 6 (FM) and 2000Z-2100Z, Oct 6 (Dig)	
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Oct 6	
± SARL 80m QSO Party	1700Z-2000Z, Oct 6	
<u>+</u> SKCC Sprint Europe	1900Z-2100Z, Oct 6	
± NCCC RTTY Sprint	0145Z-0215Z, Oct 7	
<u>+</u> NCCC Sprint Ladder	0230Z-0300Z, Oct 7	
± K1USN Slow Speed Test	2000Z-2100Z, Oct 7	
<u>+</u> QRP ARCI Fall QSO Party	0000Z-2359Z, Oct 8	
<u>+</u> Makrothen RTTY Contest	0000Z-0800Z, Oct 8 and 1600Z-2400Z, Oct 8 and 0800Z-1600Z, Oct 9	
<u>+</u> Nevada QSO Party	0300Z, Oct 8 to 2100Z, Oct 9	
<u>+</u> Oceania DX Contest, CW	0600Z, Oct 8 to 0600Z, Oct 9	
<u>+</u> Microwave Fall Sprint	0800 local - 1400 local, Oct 8	
<u>+</u> Scandinavian Activity Contest, SSB	Cancelled for 2022	
<u>+</u> SKCC Weekend Sprintathon	1200Z, Oct 8 to 2400Z, Oct 9	
<u>+</u> Arizona QSO Party	1500Z, Oct 8 to 0500Z, Oct 9	
<u>+</u> Pennsylvania QSO Party	1600Z, Oct 8 to 0400Z, Oct 9 and 1300Z-2200Z, Oct 9	
<u>+</u> South Dakota QSO Party	1800Z, Oct 8 to 1800Z, Oct 9	
<u>+</u> PODXS 070 Club 160m Great Pumpkin Sprint	2000Z, Oct 8 to 2000Z, Oct 9	
± UBA ON Contest, CW	0600Z-0900Z, Oct 9	











<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Oct 20
\pm NTC QSO Party	1900Z-2000Z, Oct 20
<u>+</u> NCCC RTTY Sprint	0145Z-0215Z, Oct 21
<u>+</u> NCCC Sprint	0230Z-0300Z, Oct 21
<u>+</u> Telephone Pioneers QSO Party	1700Z-2000Z, Oct 21 (CW/Dig) and 2200Z, Oct 21 to 0100Z, Oct 22 (SSB) and 1700-2000Z, Oct 22 (SSB) and 2200Z, Oct 22 to 0100Z, Oct 23 (CW/Dig)
± K1USN Slow Speed Test	2000Z-2100Z, Oct 21
<u>+</u> YBDXPI FT8 Contest	0000Z, Oct 22 to 2359Z, Oct 23
<u>+</u> UK/EI DX Contest, SSB	1200Z, Oct 22 to 1200Z, Oct 23
<u>+</u> YLRL DX/NA YL Anniversary Contest	1400Z, Oct 22 to 0200Z, Oct 24
<u>+</u> Stew Perry Topband Challenge	1500Z, Oct 22 to 1500Z, Oct 23
\pm North American SSB Sprint Contest	0000Z-0400Z, Oct 23
<u>+</u> Classic Exchange, CW	1300Z, Oct 23 to 0700Z, Oct 24 and
	1300Z, Oct 25 to 0700Z, Oct 26
<u>+</u> K1USN Slow Speed Test	
 <u>+</u> K1USN Slow Speed Test <u>+</u> ICWC Medium Speed Test 	1300Z, Oct 25 to 0700Z, Oct 26
-	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24
\pm ICWC Medium Speed Test	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24
 <u>+</u> ICWC Medium Speed Test <u>+</u> OK1WC Memorial 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest ± ICWC Medium Speed Test 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25 0300Z-0400Z, Oct 25
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest ± ICWC Medium Speed Test ± ICWC Medium Speed Test ± RTTYOPS Weeksprint 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25 0300Z-0400Z, Oct 25 1700Z-1900Z, Oct 25
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest ± ICWC Medium Speed Test ± RTTYOPS Weeksprint ± SKCC Sprint 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25 0300Z-0400Z, Oct 25 1700Z-1900Z, Oct 25
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest ± ICWC Medium Speed Test ± ICWC Medium Speed Test ± SKCC Sprint ± SKCC Sprint ± Phone Weekly Test 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25 0300Z-0400Z, Oct 25 1700Z-1900Z, Oct 25 0000Z-0200Z, Oct 26
 ± ICWC Medium Speed Test ± OK1WC Memorial ± ICWC Medium Speed Test ± Worldwide Sideband Activity Contest ± ICWC Medium Speed Test ± ICWC Medium Speed Test ± SKCC Sprint ± SKCC Sprint ± Phone Weekly Test ± A1Club AWT 	1300Z, Oct 25 to 0700Z, Oct 26 0000Z-0100Z, Oct 24 1300Z-1400Z, Oct 24 1630Z-1729Z, Oct 24 1900Z-2000Z, Oct 24 0100Z-0159Z, Oct 25 0300Z-0400Z, Oct 25 1700Z-1900Z, Oct 25 0000Z-0200Z, Oct 26 1200Z-1300Z, Oct 26





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<u>+</u> CWops Test	1900Z-2000Z, Oct 26
<u>+</u> UKEICC 80m Contest	2000Z-2100Z, Oct 26
<u>+</u> CWops Test	0300Z-0400Z, Oct 27
<u>+</u> CWops Test	0700Z-0800Z, Oct 27
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Oct 27
<u>+</u> RSGB 80m Autumn Series, SSB	1900Z-2030Z, Oct 27
<u>+</u> NCCC RTTY Sprint	0145Z-0215Z, Oct 28
<u>+</u> NCCC Sprint	0230Z-0300Z, Oct 28
<u>+</u> Zombie Shuffle	1600-2400 local, Oct 28
<u>+</u> K1USN Slow Speed Test	2000Z-2100Z, Oct 28
<u>+</u> CQ Worldwide DX Contest, SSB	0000Z, Oct 29 to 2359Z, Oct 30
<u>+</u> Ham Spirit Contest, CW	0600Z, Oct 29 to 0559Z, Oct 30
<u>+</u> K1USN Slow Speed Test	0000Z-0100Z, Oct 31
<u>+</u> ICWC Medium Speed Test	1300Z-1400Z, Oct 31
<u>+</u> QCX Challenge	1300Z-1400Z, Oct 31
<u>+</u> OK1WC Memorial	1630Z-1729Z, Oct 31
<u>+</u> ICWC Medium Speed Test	1900Z-2000Z, Oct 31
<u>+</u> QCX Challenge	1900Z-2000Z, Oct 31

	SEM AMATEUR RADIO MINNESOTA	K	AMATEU W	EAST METRO IR RADIO CLUB ØCGM .semarc.org
M	embership Data & Club Enrollmen	<u>t For the</u>	e Year 2023	3
Name	Middle or Initial	Last		Nickname
Address	Street	City		 te Zip + 4
	Phone (_)	()	
Birthday Month	Call sign	Class <u>TGA</u> _{Circle}		Der <u>YES NO LIFE</u> Circle
COMPL	ETING THIS FORM EACH YEAR HELPS KEEP YO	OUR INFORI	MATION CURR	RENT
Will you volunteer to h	elp SEMARC?YES NO			www.arrl.org
	Public Service Events?YES NO	<u>A</u>		ARRL
	SEMARC for a project?YES NO	H BH	THE n	ational association
	n to publish your personal information ship directory? YES NO	V	fo	r AMATEUR RADIO
 SEMARC DUES and OPTIONAL DONATIONS Membership runs for the calendar year. "Family Membership" includes all family members at the same address. Please complete a separate form for each family member to be included. <u>New</u> members enrolling after October 1 will also receive next year's membership. Check here Any youth under 18 years of age is eligible for FREE membership. 				
Please check one item:				
	Please fill out this form & bring to a meeting, or		SEMARC	
	Send to: SEMARC 1655 68th Street West Inver Grove Heights, MN 55 Any questions? Call 651-769-0358	077 JHH10-21	SEMARC Supports Washington County ARES	R HALL STRUCK