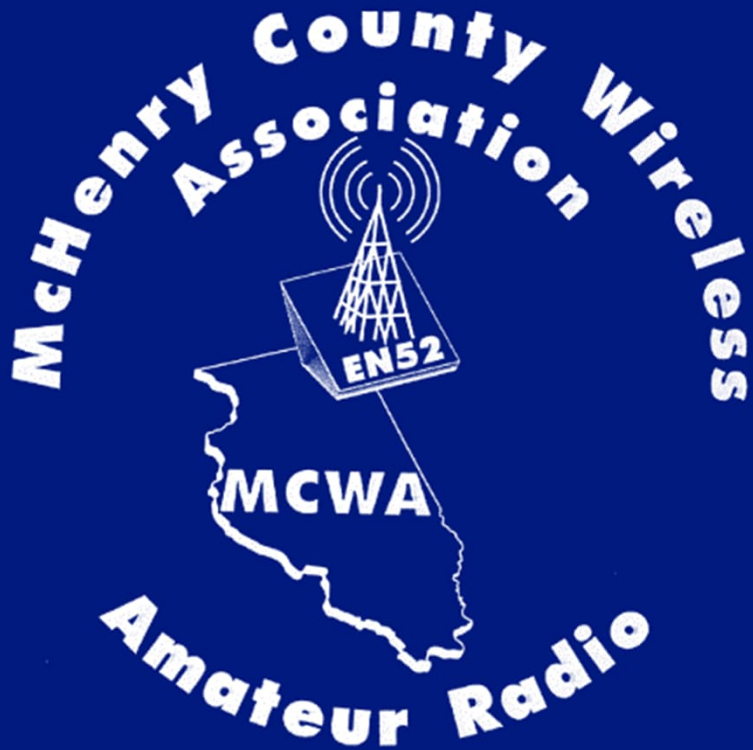




# MCWA

August 2, 2022

Meeting



# MCWA

CALL TO ORDER



Volunteer to lead the Pledge of Allegiance?





# Welcome to MCWA

David KD9VEJ – Johnsburg

Dennis KD9VKX – Crystal Lake

Daniel KD9VLD – Crystal Lake

Dean KD9VLE – Crystal Lake



# Welcome Guests!



Do we have any guests in attendance this evening?

Tell us your name, callsign (if any), and where you are from.

# Introductions!

We'll go around the room introducing ourselves.

- Name
- Call
- Where you are from



# REMINDER



Please be sure that you fill out the sign-in sheet  
located at the entrance.

# Approval of Minutes



The Secretary has previously posted the minutes from the previous meeting for review at <https://mcwa.org/minutes.htm>

Are there any corrections to the minutes?



# Treasurer's Report June

# Treasurer's Report - Financial



Opening balance 6/01/22	\$11,334.12	
Deposits	30.00	Dues
	150.00	Donation for SP-600
Expenditures	12.00	mcwa.org domain renewal
	31.01	FD Saturday breakfast
Interest	0.09	
Closing balance 6/30/22	\$11,471.20	

# Treasurer's Report - Membership



Total Membership	119
Full (voting)	119 Includes 6 family members
Associate (unlicensed)	0

Includes new memberships and renewal payments deposited through 06/30/2022.

The current roster is available on the club website and is searchable.  
(<https://mcwa.org/membership-roster>)





# Treasurer's Report July

# Treasurer's Report - Financial



Opening balance 7/01/22	\$11, 471.20	
Deposits	25.00	Dues
Expenditures	246.90	Maker Faire CPO parts
Interest	0.09	
Closing balance 7/31/22	\$11, 249.39	

# Treasurer's Report - Membership



Total Membership	124
Full (voting)	124 Includes 8 family members
Associate (unlicensed)	0

Includes new memberships and renewal payments deposited through 07/31/2022.

The current roster is available on the club website and is searchable.  
(<https://mcwa.org/membership-roster>)



# Announcements

# VE Testing



The next session will be on August 16<sup>th</sup> at

Free Methodist Church  
934 N. Seminary  
Woodstock, IL 60098

Contact Steve (KB9OLD) at 847 477-3518 to reserve your spot.

<https://mcwa.org/license-exam>



# TREK 100 – Ride for Hope Recap

## John Canker, W9JM



# Chicago Marathon Service Opportunity

## Rob Orr, K9RST



# Other Announcements?

License upgrades? Awards? Other?



# Hamfests/Events

South Milwaukee ARC Hamfest  
American Legion Post 434, Oak Creek, WI

KARSFEST  
Will County Fairgrounds, Peotone, IL

Jefferson Outdoor Fest 2022  
Spangler Campgrounds, Jefferson WI

Hamfesters Radio Club Hamfest  
Will County Fairgrounds, Peotone, IL

W9UDU Free Fest 2022  
Greater Racine Kennel Club, Racine, WI

July 9  
Reports?

July 17  
Reports?

August 6

August 7

August 14



# Hamfests/Events

SMCFest

Chicago Marriott Naperville, Naperville, IL

August 27

W9DXCC Convention

Chicago Marriott Naperville, Naperville, IL

September 16-17

Midwest Superfest

East Peoria Event Center, East Peoria, IL

September 17-18

HRO Superfest

Ham Radio Outlet, Milwaukee, WI

September 23-24

Radio Expo

Boone County Fairgrounds, Belvidere, IL

September 25



# Contest Calendar

10-10 Int. Summer Contest, SSB  
ARRL 222 MHz and Up Distance Contest  
North American QSO Party, CW

August 6-7  
August 6-7  
August 6-7

ARRL 10 GHz and Up Contest  
North American QSO Party, SSB

August 20-21  
August 20-21



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

# Contest Reports

IARU HF World Championship

CQ Worldwide VHF Contest

North American QSO Party, RTTY

Others?





# Old Business



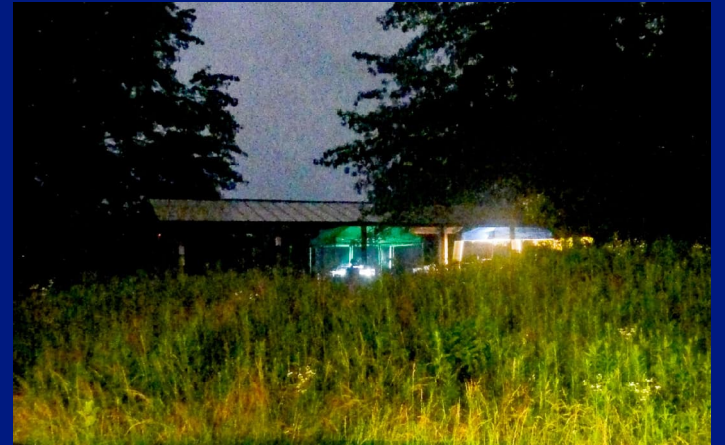
K9RN

Report





# Rush Creek Preserve



# Saturday





Saturday



Saturday





# Setup



# Setup





# Setup



# CW Station & Operators





# SSB & Digital Station & Operators



# VHF Station





# GOTA Station



# Public Information & Education Station



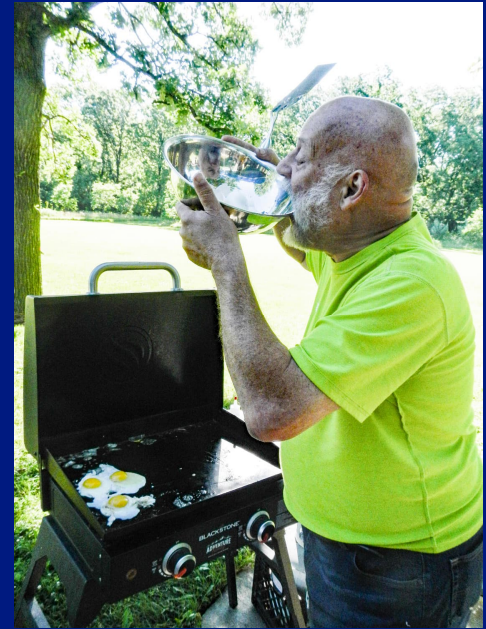
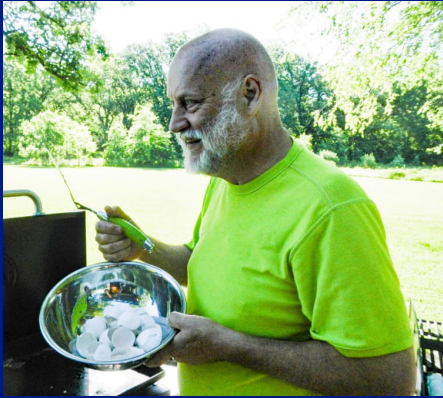


# Chef Wendell N9REP & Food





# Food

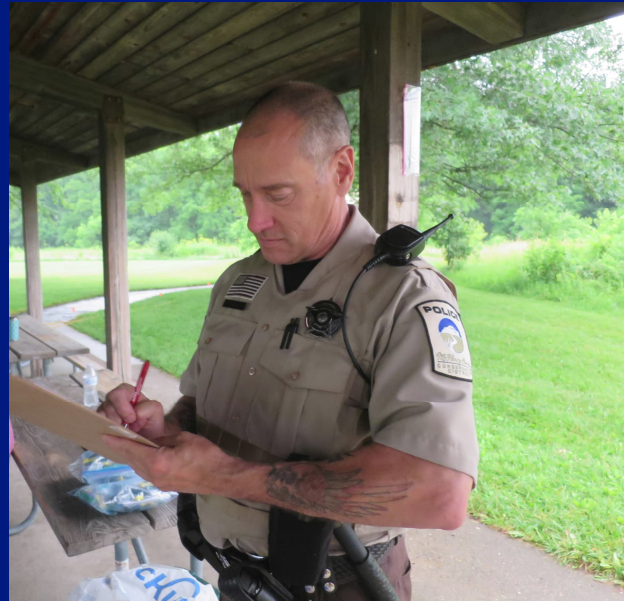




# FOOD



# Special Guest and Face to Face QSO



# K9RN 2A - MCWA

## Rush Creek Preserve

• 100% emergency power	200	• Natural power QSOs completed	100
• Media publicity	100	• Site visit by invited served agency	100
• Public location	100	• Educational activity	100
• Public information table	100	• Safety officer	100
• Formal message to ARRL SM/SEC	100	• Social media	100
• W1AW Field Day message	100	• Entry submitted via web	50
• Formal messages handled	100		

Total bonus points 1,350

# K9RN 2A - MCWA Rust Creek Preserve

	<u>Score</u>	<u>QSOs</u>
2015:	6130	1682
2016:	6200	2187
2017:	7050	884
2018:	8272	2006
2019:	4398	2015
2020:	8930	
2021:	8838	
2022:	9278*	2118

\* Includes 1350 Bonus Points

<u>Band</u>	<u>CW</u>	<u>Ph</u>	<u>Dig Qs</u>
80:	273	94	0
40:	585	94	25
20:	288	38	185
15:	318	34	75
10:	0	1	0
2:	1	8	94
22:	0	1	0
222:	0		0
432:	1	1	0
<hr/>			
TOTAL:	1467	272	379

Worked 80 of the 85 ARRL/RAC Sections





# K9ESV

Report

McHenry County RACES/ARES  
Government Center  
Woodstock

Total Contacts	829
Phone	38
CW	791





N9WH

Report











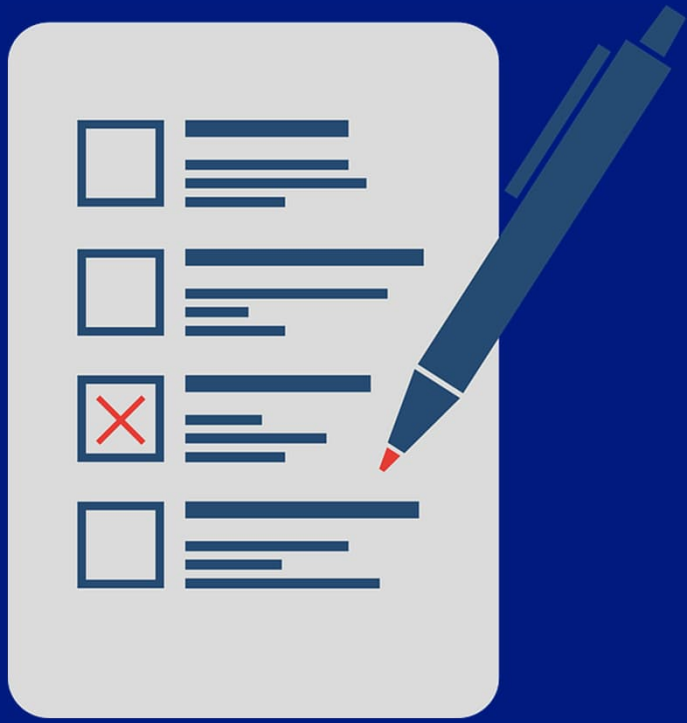






# New Business



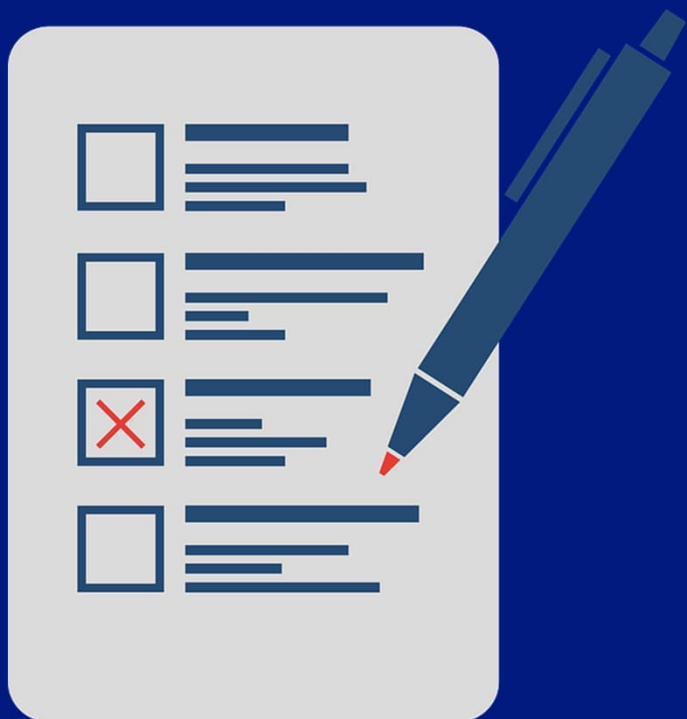


# Officers Election September 6th



## Nomination Committee

Gary Dembski (W9GD), David Whiteside (N9BSA), Roger Scott (KF9D) - Chairman



President: Dan Larson, KD9M

Vice-President: Mike Metroka, WB8BZK

Secretary: Gary Kaatz, W9TD

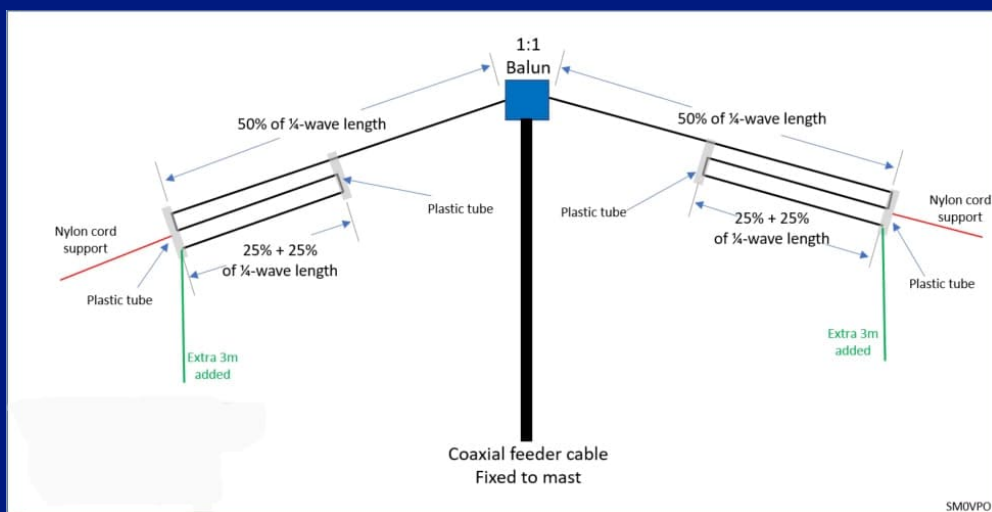
Treasurer: Dean Hettel, WC9C

Director\*:

Kent Dulaney, K9KMD

Wendell Smith, N9REP

\* To fill opening created by the expiration of the 2-year term of Gary Dembski, W9GD. David Whiteside, N9BSA, will be serving year two of his 2-year term.



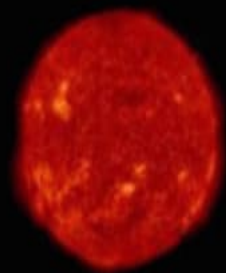
# Next Meeting

Tuesday, September 6th

## Small Antennas for HF

by Jack Hudson, W9MU

Solar-Terrestrial Data - <a href="http://www.n8nbh.com">http://www.n8nbh.com</a>				
04 Jul 2022 0213 GMT		Current Solar		HF Conditions
SFI	102	SN	57	Band Day Night
A	8	K	4 / P1ntry	80n-40n Poor Fair
X-Ray	B1.5			30n-20n Fair Fair
304A	120.6	@ SEM		17n-15n Fair Fair
Ptn Flx	NoRpt			12n-10n Poor Poor
Elc Flx	NoRpt			Geonag Field ACTIVE
Aurora	3/n=1.99			Sig Noise Lvl S3-S4
MUF Boulder	21.20			(C) Paul L Herrman 2021



# Tonight's program

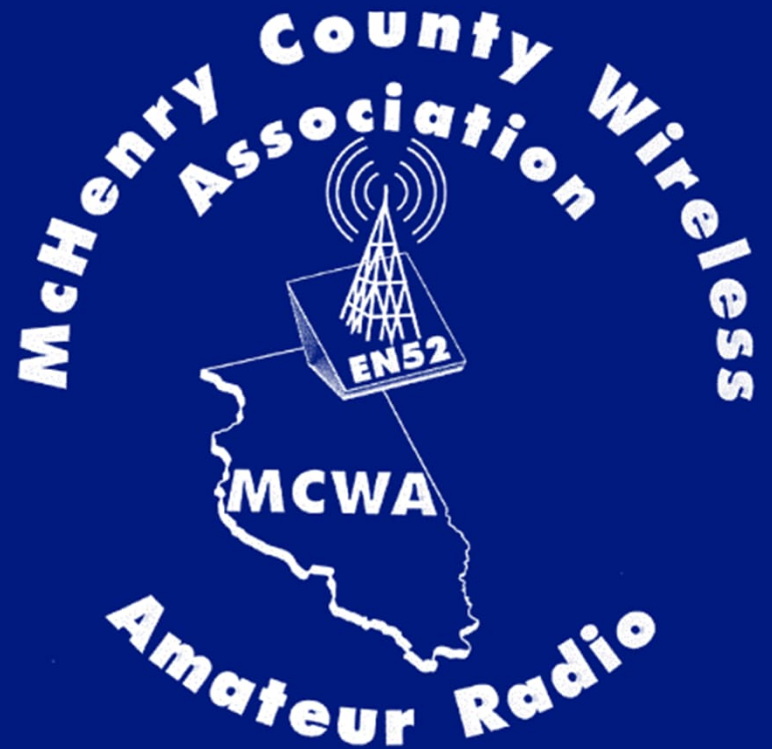
## Propagation and Amateur Radio

by Carl Luetzelschwab, K9LA



# Adjournment

Meeting adjourned



Program will begin after a 5-minute minute break





### Code Practice Oscillator BOM

Part	Unit cost	Qty	Cost
PCB	0.49	50	24.60
NES55	0.30	50	14.82
Speaker	0.30	50	15.17
10k 1/4 watt resistor	0.05	100	4.99
47k 1/4 watt resistor	0.05	100	4.99
10k potentiometer	0.25	50	12.54
100k potentiometer	0.25	50	12.54
0.01 uF 50v monolytic capacitor	0.07	120	7.99
10 uF 25v radial capacitor	0.08	50	4.15
Rubber feet (4)	0.18	200	8.98
Shipping JLCPCB	0.67	50	33.68
Shipping and tariff (Digikey)	0.17	50	8.62
Misc	0.12	50	6.04
<b>Budgeted total cost</b>	<b>2.99</b>		<b>159.11</b>
10k potentiometer	0.84	30	25.17
100k potentiometer	0.84	30	25.17
Speaker	1.25	30	37.45
<b>Parts purchased due to uncertain delivery time from AliExpress</b>			<b>87.79</b>
<b>Total out of pocket (but now have surplus speakers and pots)</b>			<b>246.90</b>