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# Welcome to the 2022 Dayton Hamvention

## 70 Years Reunion, 1952 - 2022

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Thank you for joining us at Hamvention 22. Three long years have passed since we were able to get together for “Hamvention 19”. The worldwide COVID-19 pandemic made it necessary to cancel two Hamventions in a row. Many things have changed over this three-year interval. We have each lost friends to illness and catastrophe. But, finally, we are back to talk, learn, and have fun at the Greene County Fairgrounds and Expo Center, near where Hamvention began.

Hamvention had its beginning in 1952 in downtown Dayton. It has moved from one location to another over the years, but has always been a place to learn about new radios, new techniques, and to help grow the next generation of hams.

This year’s theme: “Reunion” joins these two ideas together. It has been 70 years since the first Hamvention and it is also our opportunity to put the pandemic and it’s problems behind us.

The prior Chair of Hamvention, Jack Gerbs, WB8SCT, wrote in this space in 2019 that he challenged everyone to make an effort to improve Amateur Radio. He said, “By getting involved you never know the positive impact you may have on someone’s life.”

That is what the whole corps of Hamvention volunteers has devoted itself to in putting together Hamvention 2022. On their behalf, under the auspices of the Dayton Amateur Radio Association, and noting the huge work done by my Assistant General Chair, Jim Storms, AB8YK, thank you for being a part of Hamvention history.

Rick Allnutt, WS8G  
Hamvention 2022 General Chair

Rick Allnutt, WS8G  
General Chairman



Jim Storms, AB8YK  
Assistant General Chairman



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## Souvenir Program Committee

Chair	Charles Wright, K8MDB
Asst. Chair	Linda Kalter, W8AAV
Proofreaders	Ron Cramer, KD8ENJ Linda Kalter, KD8YQU Jim Shaw, AL7BA

## Design and Layout

Program was created by Charles Wright, K8MDB



Some program information was moved to the ARRL Events App and the Hamvention website this year to better serve you, the attendee! Find detailed maps, the vendor list, services, affiliated events, and forums listings on the ARRL Events App, and at Hamvention.org

# Hamvention.org

The Dayton Amateur Radio Association (DARA) and Hamvention fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services at our event.

## FRIDAY HOURS

9:00 a.m. - 5:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - 6:00 p.m.
9:00 a.m. - 5:00 p.m.	Inside Exhibits open.
9:15 a.m. - 5:00 p.m.	Forums and scheduled activities.
9:00 a.m. - 2:00 p.m.	Amateur Radio License Exams.
10:00 a.m. - 4:00 p.m.	Hourly prize drawings.

## SATURDAY HOURS

9:00 a.m. - 5:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - 6:00 p.m.
9:00 a.m. - 5:00 p.m.	Inside Exhibits open.
9:15 a.m. - 5:00 p.m.	Forums and scheduled activities.
9:00 a.m. - 4:00 p.m.	Hourly prize drawings.
9:00 a.m. - 2:00 p.m.	Amateur Radio License Exams.

## SUNDAY HOURS

9:00 a.m. - 1:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - After Prize Drawing
9:00 a.m. - 1:00 p.m.	Inside Exhibits open.
10:00 a.m. - 11:00 p.m.	Prize drawings, must be claimed by noon.
9:15 a.m. - 12:00 p.m.	Forums and scheduled activities.
1:00 p.m.	Award Winners' Presentation in Forums 1 & 2.
1:00 p.m.	Prize Drawing in Forums 1 & 2. Bus Service will be run for a short time after the main prize drawing.

## 2022 Hamvention Patches & Lanyards



The DARA BSA Venture Crew 73 is proud to announce our 2022 PATCH & DAYTON HAMVENTION 2022 lanyards.

Located just outside the main gate and down the aisle from the Prize Booth at 4010

<b>2022 Souvenir Patch</b>	<b>\$5.00</b>
<b>2022 Souvenir lanyards with ticket lamination</b>	<b>\$5.00</b>

## HOURS

<b>Outside Tent</b>	<b>Booth 4010</b>
Fri 8am-3pm	Fri 9am-4pm
Sat 8am-3pm	Sat 9am-4pm
Sun Closed	Sun 9am-Noon

**Stop by with your children and they will receive a surprise suitable for "little hams"!**

## Hamvention Phone Numbers

Emergency	(937) 276-6930
Inside Exhibits	(937) 276-6931
Flea Market	(937) 276-6932
Prizes	(937) 668-5311

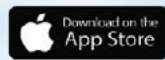


The Dayton Convention & Visitors Bureau Welcomes

# HAMVENTION

Be sure to enjoy the Greater Dayton area restaurants, attractions, and shops while you're here!

Download the **FREE Visit Dayton App!** Discover tons of Dayton information!



Download the app or scan the code.



Download the app or scan the code.



# DAYTON™

CONVENTION & VISITORS BUREAU



  @daytoncvb

800.221.8235 [daytoncvb.com](http://daytoncvb.com)

# 2022 Dayton Hamvention Committee



**Front Row (Left to Right):** Liz Klinc, Bob Baker, Phil Gregg, Mike Buehler, Jim Gifford, Henry Ruminski, Janey Ruminski, Mel Markland, Susan Jebens, Diane Allnutt, Hazel Everetts, Janese Brooks, Linda Kaler, Jim Nies, Jack Gerbs, Jim Storms, Rick Allnutt

**Middle Row (Left to Right):** Brian Markland, Terry Scott, Susan Scott, Steve Coy, Mark Atwell, Randy Midkiff, Joe Muehni, Larry Sack, Mike Berger, David Berger, Tom Gross, Rob Lunsford, Dave Tritch

**Back Row (Left to Right):** Rob Gauder, Jeff DeVoe, Steve Koogler, Gary Sammons, Chris Jebens, Dave Crawford, Ron Cramer, Rick Durrenberg, Mark Tessneer, Mike Crawford, Jeff Ullery, Chuck Wright, Jeff Everetts



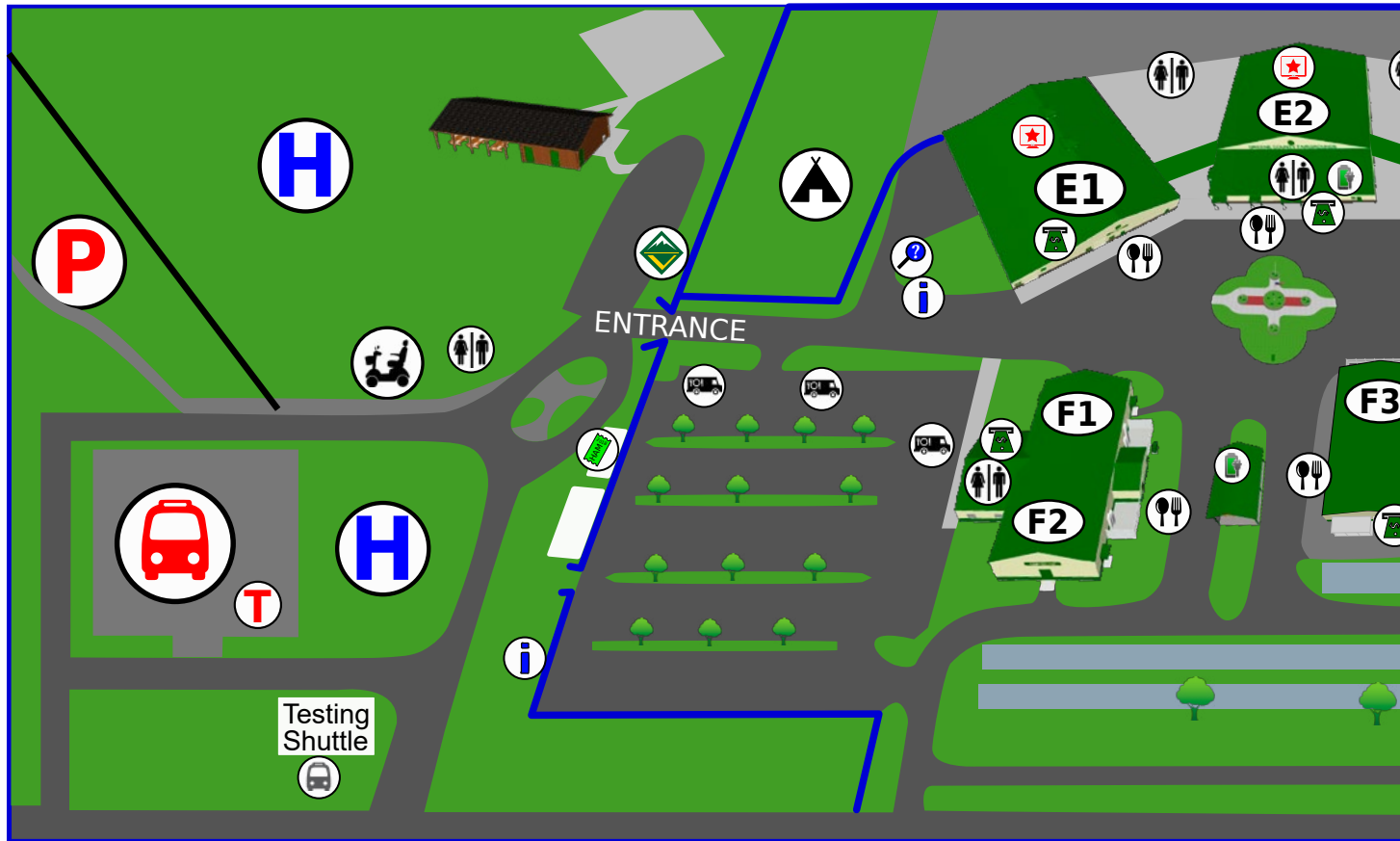
# 2022 Dayton Hamvention Committee

## Administration

General Chairman Richard A Allnutt, WS8G | Assistant General Chairman Jim Storms, AB8YK

AGENCY LIAISON / CONTRACTS.....	CHAIR.....	SACK	LARRY.....	N8QNM
FAIRGROUNDS.....	ASSISTANT CHAIR.....	CRAMER	RON.....	KD8ENJ
FINANCE.....	CHAIR.....	KALTER	MICHAEL.....	W8CI
.....	ASSISTANT CHAIR.....	BEAFORE	FRANK.....	WS8B
INCOMING MAIL.....	CHAIR.....	YARGER	KEITH.....	AD8DC
INFORMATION-PHONE LINE.....	CO-CHAIR.....	ROBERTS	LYNN.....	N8LXK
PHONE LINE/INFO.....	CO-CHAIR.....	ROBERTS	SHIRLEY.....	N8LX
COMMITTEE COMMUNICATIONS +.....	CHAIR.....	CRAWFORD	MIKE.....	KC8GLE
BOOTH TRACKER.....	CHAIR.....	COY	STEVE.....	K8UD
COMMITTEE & VOLUNTEER SERVICES.....	CO-CHAIR.....	EVERETTS	HAZEL.....	N8PTL
.....	CO-CHAIR.....	EVERETTS	JEFF.....	N8IBW
DARA MEMBERSHIP.....	CHAIR.....	DEVOE	JEFF.....	K8JTD
INFORMATION-BOOTH.....	CHAIR.....	THUERMER	JON.....	KB8SRQ
.....	ASSISTANT CHAIR.....	JEBENS	SUSAN.....	KD8AFP
OPEN HOUSE.....	CHAIR.....	LUNSFORD	ROB.....	KB8UEY
IT INFRASTRUCTURE.....	CHAIR.....	GERBS	JACK.....	WB8SCT
VISUAL INFORMATION.....	CHAIR.....	KOOGLER	STEVE.....	K8DZ
FLEA MARKET.....	CHAIR.....	TRITCH	DAVE.....	N8YFQ
.....	ASSISTANT CHAIR.....	COY	STEVE.....	K8UD
INSIDE EXHIBITS.....	CHAIR.....	BERGER	MIKE.....	WD8OMX
.....	ASSISTANT CHAIR.....	BERGER	DAVID.....	KE8MGW
.....	ASSISTANT CHAIR.....	MARKLAND	BRIAN.....	N8UDQ
.....	INSIDE MANAGER.....	MARKLAND	MELISSA.....	KD8LZH
.....	INSIDE LIAISON.....	GAUDER	ROB.....	WD8CXV
ADVANCE REGISTRATION.....	CHAIR.....	STORMS	JIM.....	AB8YK
.....	ASSISTANT CHAIR.....	MIDKIFF	RANDY.....	WB8ART
OUTGOING MAIL.....	CHAIR.....	TESSNEER	MARK.....	KB8ZR
MARKETING.....	CHAIR.....	WRIGHT	CHUCK.....	K8MDB
MEDIA.....	CHAIR.....	RUMINSKI	HENRY.....	W8HJR
.....	ASSISTANT CHAIR.....	GIFFORD	JIM.....	.....
.....	ASSISTANT CHAIR.....	MINNIX	DAN.....	KD8YNG
.....	ASSISTANT CHAIR.....	RUMINSKI	JANEY.....	KB8PMF
PROGRAMS & PUBLICATIONS.....	CHAIR.....	WRIGHT	CHUCK.....	K8MDB
.....	ASSISTANT CHAIR.....	KALTER	LINDA.....	W8AAV
TALK-IN.....	CHAIR.....	KLINC	LIZ.....	KE8FMJ
.....	ASSISTANT CHAIR.....	PELL	BILL.....	K8BP
WEBMASTER.....	CHAIR.....	MARKLAND	BRIAN.....	N8UDQ
.....	ASSISTANT CHAIR.....	RUMINSKI	HENRY.....	W8HJR
LIVE STREAMING.....	ASSISTANT CHAIR.....	PUCKET	DAN.....	W8AAU
.....	CHAIR.....	SIMPSON	JIM.....	KF8J
AWARDS.....	CO-CHAIR.....	BEAFORE	FRANK.....	WS8B
.....	CO-CHAIR.....	KALTER	MICHAEL.....	W8CI
BALLOON LAUNCH.....	CHAIR.....	MUCHNIJ	JOE.....	N8QOD
.....	ASSISTANT CHAIR.....	BROWN	BILL.....	WB8ELK
FORUMS.....	CHAIR.....	GENE	TERRY.....	NV8E
.....	CO CHAIR.....	SCOTT	SUSAN.....	KD8FIZ
INTERNATIONAL RELATIONS.....	CHAIR.....	MORTON	PAUL.....	KG8XY
.....	ASSISTANT CHAIR.....	ALLNUTT	DIANE.....	NS8Z
LICENSE EXAMS.....	CHAIR.....	JEBENS	CHRIS.....	KZ8XU
.....	ASSISTANT CHAIR.....	CRAWFORD	DAVE.....	KF4KWW
PRIZES.....	CHAIR.....	ATWELL	MARK.....	KD8DGH
.....	ASSISTANT CHAIR.....	GELM	CHUCK.....	NC8Q
SPECIAL EVENT STATION.....	CHAIR.....	ZIEGLER	DAVE.....	KD8GEH
.....	ASSISTANT CHAIR.....	ZIEGLER	D.J.....	KE8CPJ
.....	ASSISTANT CHAIR.....	MCELFRESH	TIM.....	AA8TI
YOUTH TECH.....	CHAIR.....	ULLERY	JEFF.....	KD8SHF
.....	ASSISTANT CHAIR.....	SMITH	DAVID.....	KE8HNV
COMMUNICATIONS.....	CHAIR.....	BAKER	BOB.....	N8ADO
.....	ASSISTANT CHAIR.....	BROOKS	JANESE.....	KD8DGB
GOLF CARTS.....	CHAIR.....	BUEHLER	MIKE.....	N8XGA
.....	ASSISTANT CHAIR.....	GREG	PHIL.....	KC8GLA
.....	ASSISTANT CHAIR.....	RICHARD	WEIS.....	AG6IZ
.....	ASSISTANT CHAIR.....	JOE	SHELINE.....	KD8AQH
SIGNS AND FENCES.....	CHAIR.....	BROWN	PHIL.....	AC8UW
.....	ASSISTANT CHAIR.....	DAVIS	WES.....	KE8HAF
PARKING.....	CHAIR.....	GROSS	TOM.....	KD8VLS
.....	ASSISTANT CHAIR.....	SAMMONS	SAM.....	W9SAM
.....	ASSISTANT CHAIR.....	KELLER	STEVE.....	AE8AT
SECURITY.....	CHAIR.....	DURRENBERG	RICK.....	N8HPY
.....	ASSISTANT CHAIR.....	COLON	KARL.....	KC2GTR
EXECUTIVE COMMITTEE.....	GENERAL CHAIR.....	ALLNUTT	RICK.....	WS8G
.....	ASSISTANT GENERAL CHAIR.....	STORMS	JIM.....	AB8YK
.....	MEMBER.....	CRAMER	RON.....	KD8ENJ
.....	MEMBER.....	KALTER	MICHAEL.....	W8CI
.....	MEMBER.....	GERBS	JACK.....	WB8SCT
.....	MEMBER.....	NEIS	JIM.....	WX8F

# Overview Map of Grounds



Gate 4  
Guest Parking  
Tour Bus

Gate 3  
ADA Parking  
Volunteer Parking

Gate 2  
Package Pickup  
Reserved Parking

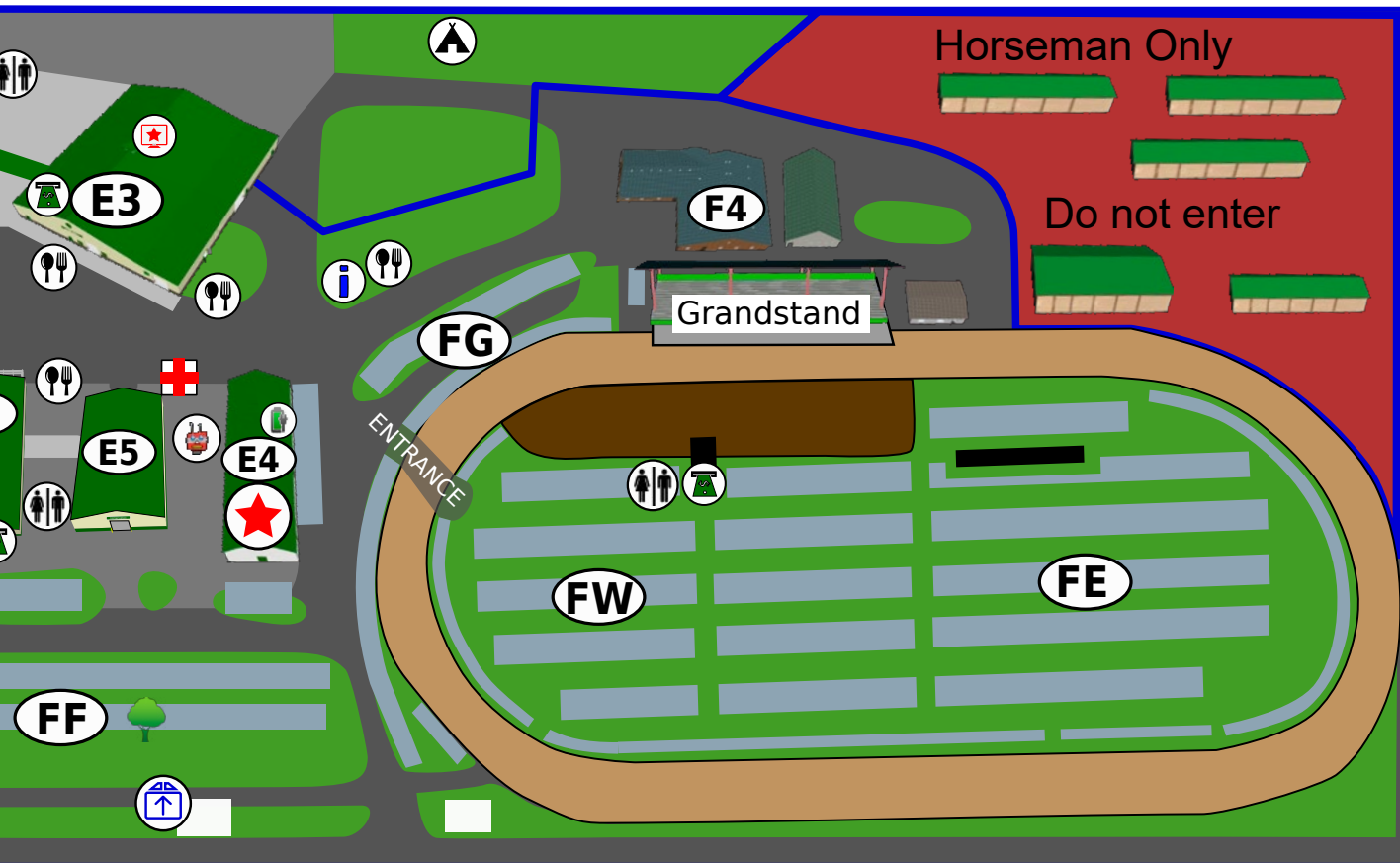
## Parking

- Remote Parking Shuttle
- General
- Handicap
- Tour Bus Drop Off
- Scootaround
- Testing Shuttle

## General Info

- Prize Booth
- Prize Monitor
- Info Booth
- Lost & Found
- Restrooms
- First Aid
- Robot Arena
- Charging
- Tickets
- Food Vendor
- Camping
- ATM
- EmComm Vehicles
- Venture Crew 73
- Package Pickup

# Overview Map of Grounds



Gate 1

EXIT ONLY

## Inside Exhibits

- (E1)** Maxim - 1000's
- (E2)** Tesla - 2000's
- (E3)** Marconi - 3000's
- (E4)** Volta - 4000's
- (E5)** Hertz - 5000's

## Flea Market

- (FF)** Front Lot
- (FW)** West Infield
- (FE)** East Infield
- (FG)** Grandstand

## Forums

- (F1)** Forum 1
- (F2)** Forum 2
- (F3)** Forum 3
- (F4)** Forum 4

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## Platinum Prize Donor List for 2022

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# Dx Engineering Icom

*The Platinum Prize Donor list recognizes donors whose aggregate donations exceeded \$15000. We thank them for their generosity!*

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## Bronze Prize Donor List for 2022

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**Alfa Radio**

**Belden**

**Cable X-Perts Inc.**

**RT Systems**

**SteppIR**

**Yaesu - Vertex Standard**

*The Bronze Prize Donor list recognizes donors whose aggregate donations exceeded \$1000. We thank them for their generosity!*

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## 2022 Dayton Hamvention Prize Donor List

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Alpha Antenna

AMSAT (Radio Amateur  
Satellite Corp.)

Arrow Antenna

BHI Ltd

Heil Sound Ltd.

Information Station Specialists

K4IA

KB3IFH QSL Cards

Mastrant

MFJ Enterprises Inc

N3ZN Keys, LLC

Nuts & Volts / Servo Magazine

Radioddity (Radi-oddity)

Sign Man of Baton Rouge

Tarheel Antennas Inc

Webster Communications Inc

West Mountain Radio



# Forums Overall Schedule

2022 Forums Overall Schedule				
FRIDAY May 20, 2022				
	Room 1	Room 2	Room 3	Room 4
9:15 AM				
9:30 AM	TAPR Scott Cowling WA2DFI 9:15-10:35	HF Remote Operating Techniques Michael Walker VA3VW 9:15-10:15	2022 ARRL Field Day Ready, Set, Go! 9:15-10:20	Using & Collecting Collins Radios Dave Knepper W3ST 9:15-10:15
9:45 AM				
10:00 AM				
10:15 AM				
10:30 AM		DMR - The Technology and Infrastructure John Burningham W2XAB 10:25-11:25		Instructor's Forum Carole Perry WB2MGP 10:30-11:30
10:45 AM	ARISS 2.0 Frank Bauer KA3HDO 10:45-11:50		Digital Contesting Ed Muns W0YK 10:30-11:45	
11:00 AM				
11:15 AM				
11:30 AM				
11:45 AM				Kit Building Joe Eisenberg K0NEB 11:45-12:50
12:00 PM		D-Star Robin Cutshaw AA4RC 11:35-1:00	Ballon SAT Bill Brown WB8ELK 11:55-1:05	
12:15 PM	AUXCOMM: Future Advances in EMCOMM			Techniques of Best Operators Mitch Stern W1SJ 1:00-2:15
12:30 PM				
12:45 PM				
1:00 PM	John Peterson 12:00-1:50		ARRL Amateur Radio Emergency Service-ARES 1:15-2:25	
1:15 PM		National Weather Service Brandon Peloquin 1:10-2:30		
1:30 PM				
1:45 PM				
2:00 PM				
2:15 PM				
2:30 PM		Amateur Radio and the Law Fried Hopengarten Esq. 2:40-3:45	ARRL Youth Outreach 2:35-3:45	YL Reunion 2:30-3:45
2:45 PM	Antenna Forum Tim Duffy K3LR 2:00-5:00			
3:00pm				
3:15 PM				
3:30 PM				
3:45 PM				
4:00 PM				Summits on the Air Keith Schlottman KR7RK 3:55-5:00
4:15 PM			Software Defined Radio Stephan Hicks 3:55-5:00	
4:30 PM		System Fusion Mark Thompson WB9QZB 3:55-5:00		
4:45 PM				
5:00 PM				

2022 Forums Overall Schedule				
SATURDAY May 21, 2022				
	Room 1	Room 2	Room 3	Room 4
9:15 AM	Black Sky Events What Happens When Everything Goes Dark Bill Felst 9:15-10:15	2022 Youth Forum Carole Perry WB2MGP 9:15-12:00	Transmitter (Foxhunting) Dick Arnet WB4SUV 9:15-10:40	Legacy Kenwood Mark Gilger WB0IQK 9:15-10:30
9:30 AM				
9:45 AM				
10:00 AM				
10:15 AM				
10:30 AM	The Impact on Ham Radio on the Innovations for treatment of COVID-19 Wright Scott 10:25-11:25		Importance of Clean Articulate Audio-and How to Get it Bob Heil K9EID 10:50-11:50	Fast Scan ATV Art Towlslee WA8RMC 10:40-11:50
10:45 AM				
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5:00 PM				

2022 Forums Overall Schedule				
SUNDAY May 22, 2022				
	Room 1	Room 2	Room 3	Room 4
9:15 AM	Bicycle Mobile Hams Ride Again Mike Nicholas NFON 9:15-10:15	Take the ARRL Radio Club Health Checkup 9:15-10:20	Lightning Protection for Ham Radio Jim Bacher WB8V5U 9:15-10:15	Entry Level Licensing - What's Worked and What Hasn't Bruce Blain K1BG 9:15-10:15
9:30 AM				
9:45 AM				
10:00 AM				
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DARA is pleased to announce the award winners for 2020, 2021 and 2022. The Hamvention Awards are a long standing tradition initiated in 1955. Over these years many amateurs have been honored for their dedication and selfless contributions to amateur radio and to mankind. An honors convocation will also be held on Saturday evening of the Hamvention weekend and a presentation of the award winners will be made to the general audience on Sunday afternoon prior to the prize award activity.

## Club of the year: South Canadian Amateur Radio Society



The Hamvention 2020 Club of the Year is the South Canadian Amateur Radio Society (SCARS) of Cleveland County, OK. SCARS clearly demonstrate member involvement in varied aspects of Amateur Radio for the greater good of their community and nation. They do so through emergency communications, community service, weekly nets, licensing and mentoring new (and old) hams and a broad web and social media presence that reaches thousands of hams monthly around the globe. Learn more about this dynamic club at <https://w5nor.org/> and <https://hamvention.org/2020-hamvention-awards/>.

## Amateur of the Year: Yasuo “Zorro” MIYAZAWA, JH1AJT

The 2020 Hamvention amateur of the year is Yasuo Zorro MIYAZAWA. A renowned humanitarian and member of the Arucaria DX Hall of Fame, having achieved top status in the DXCC World Ranking. The most distinctive feature of his DXpeditions is that he never focuses on the radio operation only, but also cooperates with local people in implementing long-term technical and humanitarian activities. While pursuing 10m and DX activities with youth around the world, he used his international contacts to establish the Foundation for Global Children in cooperation with royal families and heads of state to serve the educational and humanitarian needs of children. He has also contributed to various ham radio communities, including the establishment of INDEXA Humanitarian Aid. In his home country of Japan, he revolutionized education through the establishment of the SEISA group by focusing on learners with special needs.



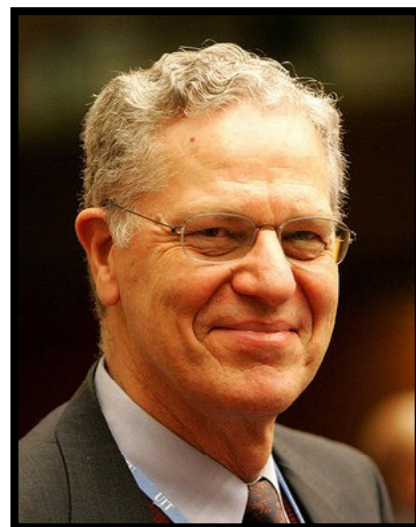
## Technical Achievement Award: Steve Franke, K9AN, Bill Somerville, G4WJS, and Joe Taylor, K1JT

The 2020 Hamvention Technical Achievement Award is jointly awarded to Steve Franke, Bill Somerville, and Joe Taylor, for their combined effort in the ham radio software package WSJT-X, particularly the digital protocol FT8 and its younger brother, FT4. FT8 was introduced in July 2017, soon accounting for a large fraction of all ham radio activity on the HF bands. FT4 is a closely related mode designed especially for digital contesting. Steve Franke, Bill Somerville, and Joe Taylor have been licensed radio amateurs for a combined total of 154 years.

Steve Franke, K9AN, was licensed in 1971. An early and abiding fascination with radio science led him to a position as Professor of Electrical and Computer Engineering at the University of Illinois, from which he retired in 2019. He enjoys chasing DX, studying HF and VHF propagation, and playing with radio-frequency circuits and antennas.

Bill Somerville, G4WJS, earned a chemistry degree at the University of Bristol and has worked in computer software and hardware in a variety of industries including defense, software development, and financial services. Most recently he's a freelance consultant providing systems programming and related services to mid- to large-size software tool vendors. An active radio amateur since 1981, Bill enjoys HF and VHF bands, contest operating, and DX chasing using CW, phone, and data modes.

Joe Taylor, K1JT, is Professor of Physics, Emeritus, at Princeton University. Steered into science by a boyhood fascination with radio and electronics, he was awarded the Nobel Prize in Physics in 1993 for discovery of the first orbiting pulsar. Since retirement he has kept busy developing and using digital protocols for weak-signal communication by Amateur Radio.



## Special Achievement Award: Jordan Sherer, KN4CRD

The Hamvention 2020 Special Achievement Award winner is Jordan Sherer, an experienced software engineer by day and digital amateur radio operator by night. After becoming licensed in 2017, Jordan started his journey into ham radio exploring PSK31, JT65, and soon after FT8. Fascinated by the ability to connect with others using low power, Jordan developed a protocol for weak signal mesh networking and communication that resulted in JS8Call, an open source and free platform, inspired by WSJT-X and FLdigi, that allows amateur operators the ability for keyboard-to-keyboard, store-and-forward, and network relay-based communication. Since its release, JS8Call has been used by thousands of operators as a communication tool that shines under weak signal conditions.



## Club of the year: Vienna Wireless Society



The Hamvention 2021 Club of the Year is the Vienna Wireless Society (K4HTA) founded 58 years ago in Vienna, Virginia. It is now the largest and most active Amateur Radio Club in the Washington, DC area. Affiliated with the ARRL, their priorities include fostering a fun inclusive environment, building comradery, and focusing on the key areas of service, education (focusing on youth) and communication. Find out about their exciting programs at <https://hamcommunity.com/clubs/8-vienna-wireless-society/> and <https://hamvention.org/2021-hamvention-awards/>.

## Amateur of The Year: Angel M. Vazquez, WP3R

The 2021 Hamvention Amateur of the Year is Angel M. Vazquez, WP3R. Born in Puerto Rico and raised in Brooklyn, he is a graduate of CUNY. Angel worked at WNYC as a radio engineer before returning to Puerto Rico in 1977 to perform telescope operations and lead IT operations at the Arecibo Observatory. He currently is the Head of Telescope Operations and Puerto Rico Coordination Zone Spectrum Manger. An amateur radio operator since 1993, Angel provided emergency communications every day for eight weeks for hundreds of families after hurricane Maria leveled the power and communications grids. With the help of the WWROF, generators were provided to needy ham families in Puerto Rico. These efforts earned him Amateur of the Year in Puerto Rico in 2018 and the YASME Excellence Award in 2019. He has been a VE since 1997 and started the first Virtual/online bi-lingual testing program as part of the GLAARG (Greater Los Angeles Amateur Radio Group) VEC.



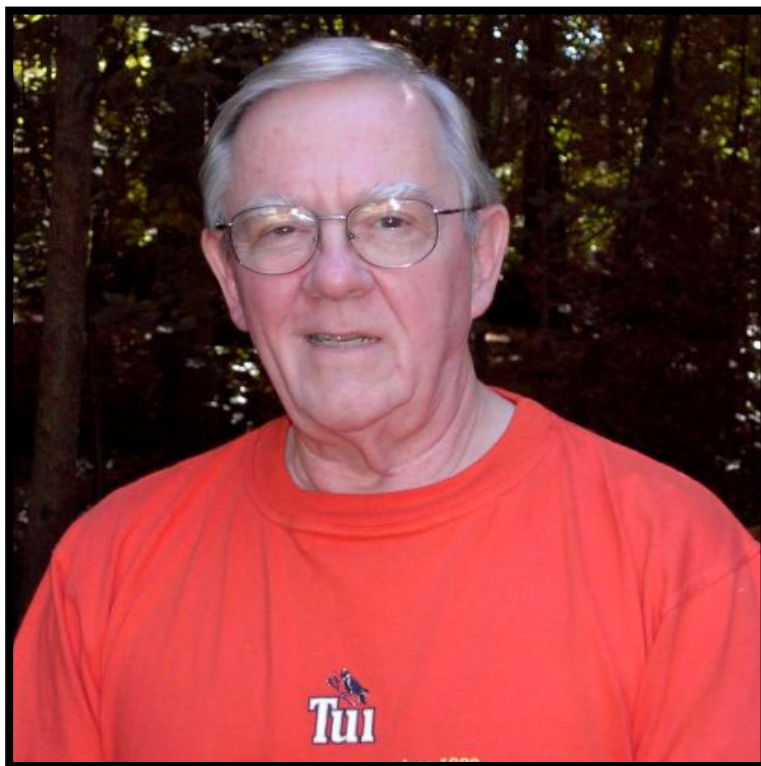
## Technical Achievement Award: Tamitha Skov, WX6SWW

The Hamvention 2021 Technical Achievement Award recipient is Tamitha Skov, a credentialed Space Weather forecaster. The energetic and enthusiastic “Space Weather Woman” is widely known on social media and has been featured in Popular Science Magazine, MIT Technology Review, The Weather Channel and The History Channel. Outside of her professional position as a research scientist for The Aerospace Corporation, she is currently teaching the art of Space Weather forecasting to meteorologists at Millersville University and working with the ARRL and HamSCI.org to help create new official education materials for new hams and the ARRL community. She is always seeking new ways to bring an awareness of Space Weather and its effects into the mainstream and hopes to herald in a new era of TV weather broadcasting before the end of Solar Cycle 25.



## Special Achievement Award: Wesley Lamboley, W3WL

The Hamvention 2021 Special Achievement Award recipient is Wes Lamboley. Wes spent 40 years in the aerospace industry as a technical writer, electrical and systems engineer and engineering liaison for Boeing with the Marconi/British Aerospace Corporation. He reminisces that, “Many Elmers helped me and I try to pay it forward as best I can, especially for young people.” He was nominated by his peers for his lifetime of high energy support for the science and art of amateur radio. Not only has Wesley supported youth coaching, membership recruiting and technical problem assistance, he always does it with a smile and great humor. Wes also enjoys working with various civic groups and ham radio clubs, getting involved and helping them to be successful.



## Club of the year: Highland Amateur Radio Association



The Hamvention 2022 Club of the Year is the Highland Amateur Radio Association (HARA), an ARRL Special Service Club located in Hillsboro, OH, formed in 1977 and serving a small rural population in Highland County. As a result of ongoing licensing classes and elmering sessions, the club reached an all-time high membership in 2021 with 143 members. Since 2015 membership has grown by 86% and the membership comprises Hams from 10 surrounding counties in southwest Ohio and two states. The club maintains five repeaters within Highland County, of which two are linked to provide a broader footprint. The club hosts both a weekly 2m and 10m net with an average attendance of 28. There are bi-monthly programs as well as a monthly gathering to discuss the hobby, the “Brunch Bunch”. Much of the club’s success can be attributed to the passion it has in sharing the hobby at every opportunity.

The club has an excellent relationship with the local newspaper and leverages that relationship to make the community aware of their events and of the value and importance of Amateur Radio. HARA is active in the community, setting out and removing flags for Memorial Day at the local cemetery and also providing communications support for the annual Hillsboro Christmas Parade. Members are engaged with the local EMA officials and local NWS, ready to assist in any emergency. Outside of club business meetings, over 100 members participated in Field Day activities, Ohio State Parks on the Air, along with running a Special Event Station from the world’s largest horseshoe crab (located in Hillsboro, OH). The club also launched their own Laurel VE team to aid in their ongoing efforts to promote the hobby and bring new Hams aboard. HARA is a very passionate club and is dedicated to the promotion of Amateur Radio. HARA is also home to the 2021 ARRL Philip McGann Silver Antenna Award recipient.

## Amateur of The Year: Jim Simpson, KF8J

Jim has been a Ham since 1966. His Elmer, Don Hinton, W8RTL, a very active ham at the time, gave him his first DX contact in Italy. Jim was mostly speechless but got over that quickly. His first ham call was WN8UZJ and he upgraded to General in the late 70’s, receiving the call, WB8QZZ which he held until 2014. Jim operates 10 thru 80 meters, mostly voice, some digital 2m and 440.

Jim has been an integral part of Hamvention since he first attended in 1972. He has served on numerous committees continuously since 1973. Jim served as Second Assistant to the Hamvention General Chair in 1983, Assistant General Chair in 1984-85 and Hamvention General Chairman in 1986-87. His expertise has benefited numerous amateur radio clubs, including Dayton Amateur Radio Association (DARA), where he has served in many leadership roles. He continues to serve as a knowledgeable and dependable advisor and friend to many previous and current Hamvention committee chairs and DARA members.

In 1974, a lethal tornado devastated Jim’s hometown of Xenia, OH. He saw a way to help serve the community by founding The Xenia Weather Radio Network in 1975. He remains a vital member of the dynamic XWARN organization.



Jim has always been an innovator for Hamvention. He introduced the use of computers to DARA/Hamvention to streamline recording data, worked on the reorganization of Hamvention to an all volunteer organization, introduced the use of UAVs to gather video and still film of ham activities and also initiated the use of LiveStream to broadcast the many activities happening during Hamvention weekend, as well as, hamfests and radio activities both domestic and international.

Over many years, he mentored many local hams and has hundreds of very close ham radio friends. He has assisted in untold radio tower and antenna construction projects in his 56-year ham radio history. Jim was a very key player in forming the 4-H Amateur Radio Club in Xenia to promote amateur radio with youth locally and statewide. The installation and equipping of a 4-H radio room with an accompanying tower is an ongoing project for Jim.

Jim brings a high level of energy and team spirit wherever he is, especially around Amateur Radio. He is a true ambassador of Amateur Radio throughout the world and is ready to help anyone with any project.

## Technical Achievement Award: Adam Farson, VA7OJ/AB4OJ

Adam Farson has dedicated his professional life's work to RF and telecommunications engineering issues and innovation. He has been a ham since he was a teenager.

Adam is best known to the amateur radio community for his development of multiple sources of technical support for Icom radios. He started an Icom technical support net on 20 meters in the 1980s and came to know several senior Icom Japan engineers due to his work, travel and living in Japan. Adam actively helped other hams solve challenging technical and logistical issues, as each week's net brought a new set of problems to solve.

Adam has always had a keen eye for emerging trends and started one of the most widely cited internet resources on HF radios, where for three decades he has maintained a website which has become a repository for highly technical information on Icom and other HF transceivers and amplifiers. He independently performs measurements on nearly all new radios, including Noise-Power Ratio, a measure he developed. His work includes producing the only data radio hobbyists have which clearly delineates how modern SDR rigs perform across the spectrum of band noise levels. Adam has written multiple articles for technical and amateur radio journals. Recently, he penned a multi-part series on modern HF solid-state amplifier design principles.



## Special Achievement Award: Kerry Banke, N6IZW

Kerry Banke is an advanced class radio amateur, first licensed in 1961. Banke, now retired, spent most of his career in the research and development of electronics systems as a microwave RF electrical engineer. This included 14 years as Qualcomm engineer, developing innovative microwave wireless technologies. Kerry's electronic interests span DC-to-light with particular interest and expertise in microwaves. His ham radio operations have included transmissions on 136kHz through to laser. Since 1982, he has served as host of the San Diego Microwave Group's monthly meeting, sharing his expertise with other hams of like interest.

Banke's exceptional support to Human Spaceflight Amateur Radio started in 1994 where he served as a school technical mentor and certified ground station for the Shuttle Amateur Radio Experiment (SAREX) program. When NASA transitioned from the Shuttle to the International Space Station (ISS), Kerry became an exemplary member of the Amateur Radio on the International Space Station (ARISS) hardware team. For seven years, working from his home and electronics lab garage in La Mesa, California, Banke led the circuit design, breadboarding, flight circuit board layout, assembly and testing of the ARISS developed Multi-Voltage Power Supply (MVPS). Banke's innovations also included specially designed test equipment needed to perform a comprehensive battery of tests in his electronics lab and at NASA to flight certify the radio system.

Kerry's stellar contributions to the recently launched ARISS hardware system has significantly enhanced current ham operations on ISS. Additionally, they enable future radio expansion and experimentation that will permit exciting, new educational and operational capabilities for youth and hams. Banke's impact on ham radio and youth STEM education is awe inspiring. Each year, hundreds of thousands of ISS ham QSOs are performed via the voice repeater and APRS digipeater and hundreds of thousands of youths are inspired and engaged through ARISS ham radio connections with astronauts on-board ISS.



# 2022 ARRL/DARA Scholarships

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**NØXNN**

**Jaxon Dupre, NØXNN**, from Saint Augustine, FL, received his Extra class license in 2018. Jaxon is an avid Field Day participant and he has been running a Youth Amateur Radio Club as an acting board member since 2020. He has been on the Honor Roll for Academic Excellency and received an Award for Musical Excellency. Jaxon has also been a volunteer for the Boy Scouts of America.

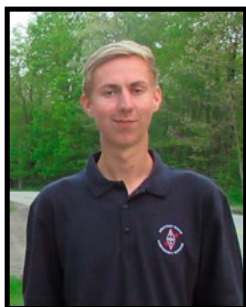
Jaxon is attending Western Governors University in Salt Lake City, UT majoring in Information Technology.



**KJ6PWP**

**Justin Ellis, KJ6PWP** from Herald, CA was first licensed in 2011 and holds his Extra class license. He is in his second year of graduate school at California State University Sacramento where he is working toward a degree in telecommunications. Justin has chosen to pursue a career in electrical engineering due to the years he spent with Elmer, Robert M. Miller, KE6F, building and repairing old amateur radios.

Justin has worked Field Day for the past 10 years and the Heavy Metal Rally hosted by Electric Radio for the last three years.



**KR7JAS**

**Jason Schlottman, KR7JAS**, from Tucson, AZ is a graduate of The University of Arizona where he is now pursuing a master's degree in hydrology and water resources with a goal of working in hydrologic modeling/consulting.

Jason, an ARRL member, has been licensed since 2009. He is an active participant in Summits on the Air (SOTA), is a member of the Oro Valley Amateur Radio Club (OVARC) and has been a featured videographer on Ham Nation Podcast. Jason is also an avid attendee of Dayton Hamvention.



**KE8BGR**

**Noah Severinghaus, KE8BGR**, of Flagstaff, AZ was first licensed in 2015 and has enjoyed operating HF portable on family camping trips over the last couple of years. Amateur radio inspired him to pursue a career in engineering and has shown him the fascinating potential of technology. Noah has been an active Eagle Scout in his local Boy Scout troop.

Noah is attending Arizona State University studying mechanical engineering with an aim of designing consumer products in the future.



**KEØWEY**

**Eryn Wagoner, KEØWEY**, of Carthage, MO is studying pre-med at Missouri Southern State University with a potential goal of becoming an infectious disease doctor. An ARRL Member, Eryn was first licensed in 2019.

Eryn joined the local Joplin Amateur Radio Club (JARC) as soon as she earned her license and started checking into their nets. Eryn has attended several hamfests including the Joplin Hamfest and the Mount Vernon Hamfest. One of her favorite ham activities is participating in the Amateur Radio on the International Space Station (ARISS) Slow Scan Television (SSTV) Award.

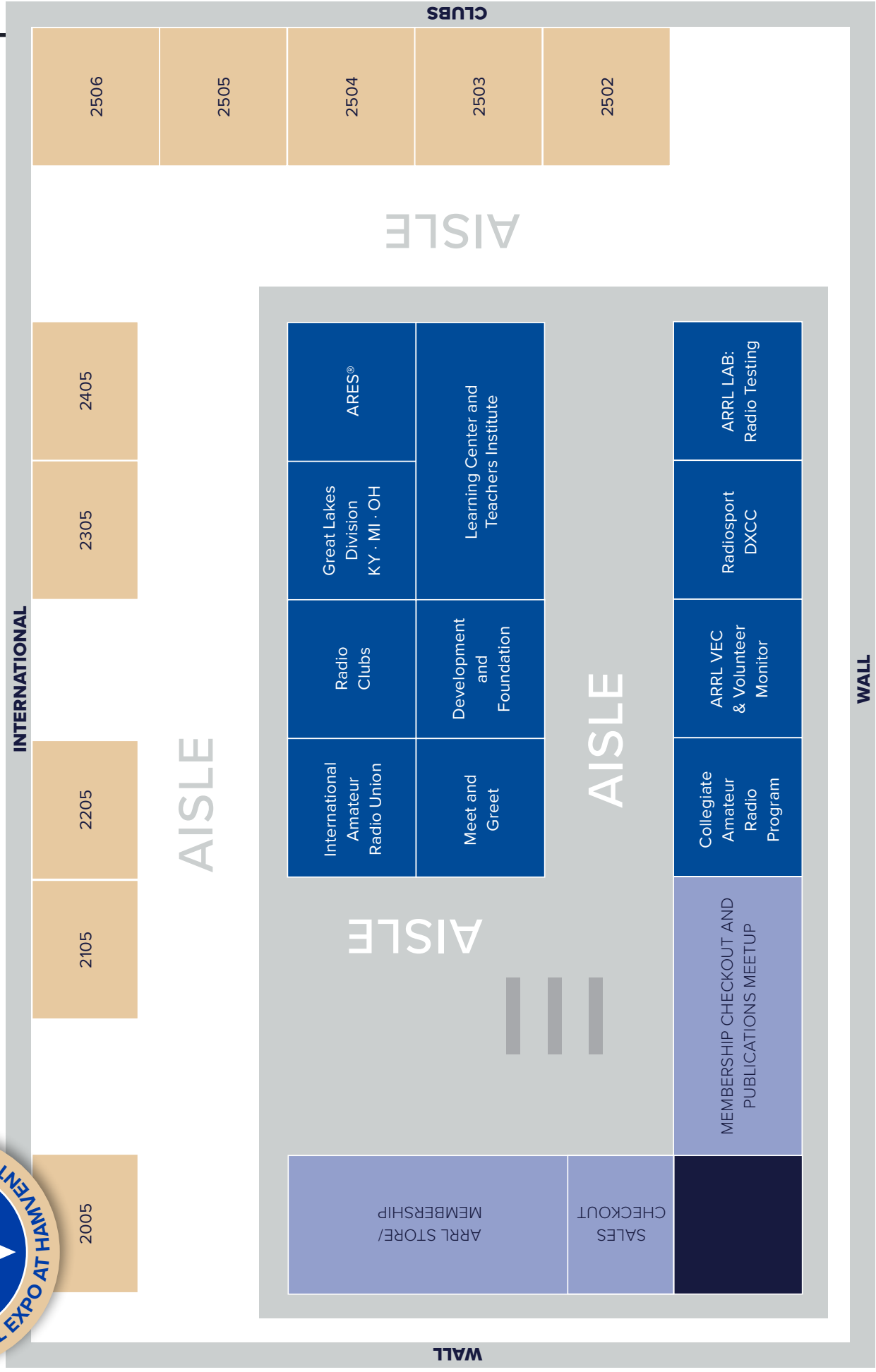
The ARRL Foundation will be announcing the DARA Scholarship recipients for this year in late May or early June. The ARRL Foundation Scholarship application will re-open in September 2022; interested students will have until December 31, 2022 to apply for the DARA Scholarships along with many others. Questions concerning the application process should be directed to [foundation@arrl.org](mailto:foundation@arrl.org).





# 2022 DAYTON HAMVENTION® ARRL EXPO EXHIBIT AREA

Building 2—Tesla



# Dayton Hamvention Past General Chairs

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1952-1955.....	John J. Willig, W8ACE	*
1956-1957 .....	Rudy Plak, W8ZOF (W6TIK)	*
1958 .....	Frank J. Schwab, W8YCP (W80K)	*
1959-1960 .....	Ed F. Bonnet, W80VG	*
1961-1962 .....	Joseph H. McNutt, W8GFN	*
1963-1964 .....	Sheemon A. Wolfe, W8WJL	*
1965-1966 .....	Edgar A. Smith, W8RKL	*
1967 .....	Robert Wilcox, K8EJI	*
1968-1969 .....	Jack Ohmart, K8CUA	*
1970-1971 .....	Kenneth E. Mills, W8RLY	
1972.....	George L. Shearer, WA8IHC (KE8WJ)	*
1973-1976 .....	Ted L. Suarez, K8BSC	*
1977 .....	Wallace M. Wright, WA8ZCA (AD8N)	*
1978 .....	John Basilotto, W5GI (WA8ZAN)	*
1979 .....	Sandford H. Cohen, W8JEZ	*
1980-1981 .....	Noel K. McKeown, WB8QQC	
1982-1983 .....	Harold A. Judd, K4GZL	*
1984-1985 .....	Jack Mitchell, AA8Q	
1986-1987 .....	Jim Simpson, KF8J	
1988-1989 .....	Bill McNabb, WD8SAY	*
1990 .....	Ed Hillman, N8ALN	
1991-1992 .....	Ross Brown, WA8DQH	*
1993-1994 .....	Dave Grubb, KC8CF	
1995-1996 .....	Ken Allen, KB8KE	
1997-1999 .....	Dick Miller, N8CBU	*
2000-2002 .....	Jim Graver, KB8PSO	
2003.....	Pat Neff, N8IGS	
2004- 2005 .....	Gary Des Combes, N8EMO	
2006-2007 .....	Jim Nies, WX8F	
2008-2009 .....	Carl Rose, K8CPR	
2010.....	Lee Boeckerman, W8LFB	
2011-2012 .....	Michael Kalter, W8CI	
2013-2014 .....	Charles Kaiser, KD8JZR	
2015-2016 .....	Jim Tiderman, N8IDS	
2017-2018 .....	Ron Cramer, KD8ENJ	
2019-2020 .....	Jack Gerbs, WB8SCT	
2021-2022 .....	Rick Allnutt, WS8G	

\* Silent Key



# Past DARA Presidents

1926	C.A. Petry.....	8AWN	1974	Ken Mills.....	W8RLY
1927	C.A. Petry.....	8AWN	1975	Robert O. Wilson.....	W8JRN
1928	Lou Driggs.....	W8HEQ	1976	Robert O. Wilson.....	W8JRN
1929	Ray Stotts		1977	Melvin L. Levy.....	WA8YKV
1930	Art John.....	W8DMI	1978	Melvin L. Levy.....	WA8YKV
1931	Fred Rawson.....	W8KKH	1979	William G. Ingling.....	W8SVI
1932			1980	William G. Ingling.....	W8SVI
1933	Fred Allen.....	W8GER /W8FU	1981	Victor M. Stauder.....	N8FPF/WA2KOO
1934			1982	Victor M. Stauder.....	N8FPF/WA2KOO
1935	Dan C. McCoy.....	W8CI/W8DG	1983	Thomas Holmes.....	N8ZM
1936			1984	Victor M. Stauder.....	N8FPF/WA2KOO
1937			1985	Edgar "Red" Smith.....	W8RKL
1938	Emil Henrich.....	W8OVL	1986	Ray Smith.....	KR8B
1939			1987	Ray Smith.....	KR8B
1940	Russ Gardner.....	W8TPC	1988	Al Torres.....	KP4AQI
1941			1989	Thomas Holmes.....	N8ZM
1942	Cheever Ely.....	W8LJ	1990	Thomas Holmes.....	N8ZM
1943	Cheever Ely.....	W8LJ	1991	Ron L. Moorefield.....	W8ILC
1944	Cheever Ely.....	W8LJ	1992	Thomas Holmes.....	N8ZM
1945	Hyde E. Ruble.....	W8PTF	1993	Victor M. Stauder.....	N8FPF/WA2KOO
1946	Hyde E. Ruble.....	W8PTF	1994	Thomas Holmes.....	N8ZM
1947	Russ Hardy.....	W8AQT	1995	Dave Coons.....	WT8W
1948	Clem Wolford.....	W8ENH	1996	Dave Coons.....	WT8W
1949	John Willig.....	W8ACE	1997	Michelle Ervin.....	KA9FUL
1950	Clem Wolford.....	W8ENH	1998	Gary DesCombes.....	N8EMO
1951	Frank Schwab.....	W8YCP/W8OK	1999	Gary DesCombes.....	N8EMO
1952	Frank Schwab.....	W8YCP/W8OK	2000	John Phillips.....	N8ZGT
1953	Hyde E. Ruble.....	W8PTF	2001	Reuben Meeks.....	W8GUC
1954	Rudy Plak.....	W8ZOF	2002	Reuben Meeks.....	W8GUC
1955	Allan D. Gunston.....	W8GQ	2003	Mike Buehler.....	N8XGA
1956	Andrew B. Henderson.....	W8WYL	2004	Mike Buehler.....	N8XGA
1957	Robert G. Siff.....	W8QDI	2005	Michael Kalter.....	W8CI
1958	Ed F. Bonnet.....	W8OVG	2006	Michael Kalter.....	W8CI
1959	Joseph H. McNutt.....	W8GFN	2007	Jim Simpson.....	KF8J
1960	Walter G. Burdine.....	W8ZCV	2008	Jim Simpson.....	KF8J
1961	Robert F. Zimmerman.....	W8DPW/W8ZM	2009	Steve Coy.....	K8UD
1962	Hyde E. Ruble.....	W8PTF	2010	Jim Simpson.....	KF8J
1963	Richard D. McFadden.....	K8ERE	2011	Steve Coy.....	K8UD
1964	Ted Suarez.....	K8BSC	2012	Don Dubon.....	N6JRL
1965	Robert E. Wilcox.....	K8EJI	2013	Don Dubon.....	N6JRL
1966	Jim Dakin.....	K8BPC	2014	Reuben Meeks.....	W8GUC
1967	Ken Mills.....	W8RLY	2015	Don Dubon.....	N6JRL
1968	George Shearer.....	WA8IHC/KE8WJ	2016	Andrew Anderson.....	N8VES
1969	George Shearer.....	WA8IHC/KE8WJ	2017	Andrew Anderson.....	N8VES
1970	Owen Vance.....	WA8PHW	2018	Ron Cramer.....	KD8ENJ
1971	Jules Wittebort.....	W8SE	2019	Ron Cramer.....	KD8ENJ
1972	Budd Chaney.....	WA8UUX	2020	Ron Cramer.....	KD8ENJ
1973	Wesley Duckwitz.....	W8IPT	2021	Jack Gerbs.....	WB8SCT

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# Dayton Amateur Radio Association

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## DARA Board



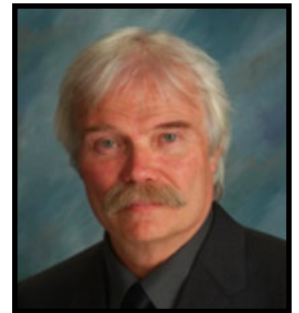
Jack Gerbs, WB8SCT  
President



Ron Cramer, KD8ENJ  
Vice President



Nancy Krodel, KC8RMT  
Secretary



Michael Kalter, W8CI  
Treasurer



Jeff Devoe, K8JTD  
Senior Trustee



Jim Tideman, N8IDS  
Junior Trustee



Rick Allnutt, WS8G  
Hamvention General Chair

## Planning Council



Rob Lunsford, KB8UEY



Charles Kaiser, KD8JZR



Carl Rose, K8CPR