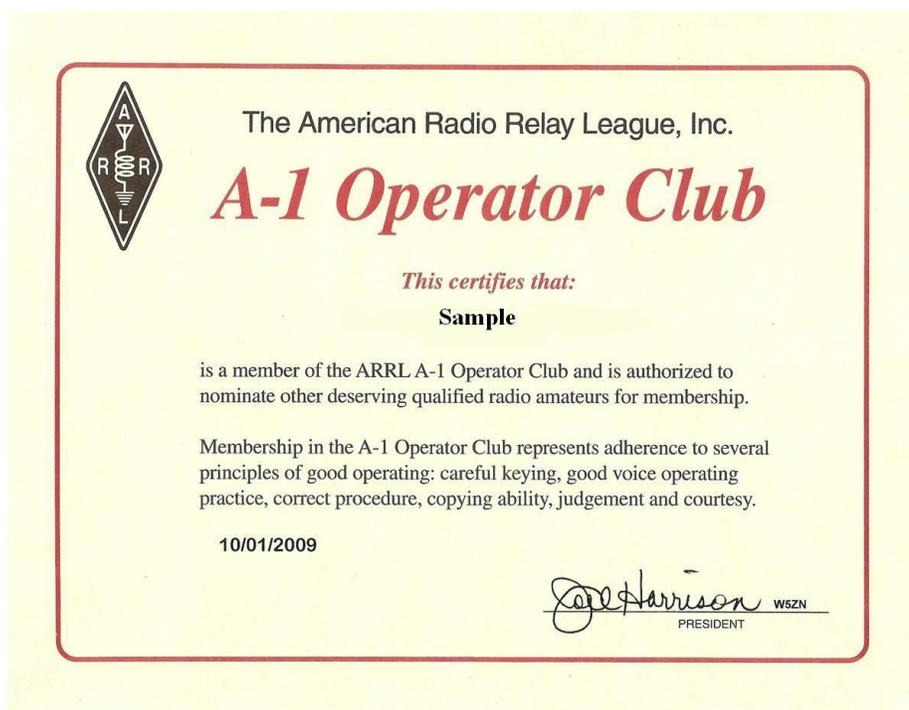




*Ohio
Section
Journal*

September 2023

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From the Technical Coordinator
Jeff Kopcak – K8JTK TC
K8JTK@arrl.net

Sadly, I want to open this month's OSJ by reporting the passing of Jeff's dad, father, mentor and Elmer, Thomas A Kopcak – N8ETP, age 70, of Westlake, OH on Thursday, September 28th. Further information is available at:

<https://www.chambersfuneral.com/obituary/thomas-a-kopcak>

Please keep Jeff and his family (all hams!) in your thoughts and prayers.....

From the Section Emergency Coordinator
Bret Stemen – KD8SCL EC
KD8SCL@gmail.com

Earlier this month I had the honor to be invited to the Louisville Ky. Hamfest to represent the Ohio Section ARES and attend a symposium with guest speakers Scott Yonally N8SY, (ARRL Great Lakes Division Vice Director), Mike Walters W8ZY (ARRL Field Services Manager) and Josh Johnston KE5MHV (ARRL Director of Emergency Management) it was great to have some time with them and talk about some changes that will be happening soon. Josh and I spoke at length about the new Form 2 and why it's has taken all this time for the release.



Something that we need to keep in mind is that during a disaster in your county, district or section is that family comes first and that not all of your members will be able to respond to the call due to their own situation during the disaster. This is why we must build a relationship with our neighboring counties, districts and sections in the event that you will need mutual aid from outside of your local jurisdiction. During an event, exercise or disaster, our jurisdiction does not stop at the county line, district line or even state line. We are a team. I know that there are several team members in the section that have traveled to other counties and even districts to help with an event.



Our Expertise and Capability

Expertise

Amateur Radio operators (“hams”) possess unique skills. While a ham’s license allows the operation of radio equipment on a wide range of frequencies with varying propagation conditions, hams also are capable of setting up field stations and portable antennas and using non-conventional means of getting a message through when other systems are overloaded or have failed.

These skill sets are created and improved by the local ARES (Amateur Radio Emergency Service) group through thorough training – both formal and informal, and often in conjunction with local agencies where the team can meet agency personnel with whom they can expect to be operating during a true emergency. This advance effort is a strong contributor to developing mutual trust and understanding among the key individuals managing any emergency operation and should be exercised at every opportunity.

Skills and Capabilities

ARES groups have actively engaged in the following steps so that they have the ability to perform certain actions and meet their objectives. Further, a goal of the ARES program is to ensure that program participants continue to improve and develop additional capabilities for serving the public directly or in support of the needs of partners.

- Net operations and traffic passing provide experience in on-the-air operating, including net procedures and routines that are easily learned and adopted. Experience resulting from regular net participation ensures that established procedures and routines for net participation become rote practices for participants. The skills involved in copying transmissions subject to severe noise levels or interference come only through the actual experience of operating under severe conditions.
 - Effective exercises offer scenarios to practice for hazards and threats. Having an established written policy relating to the most likely emergency scenarios allows ARES participants to understand the procedures for activating for a given situation. Severe weather events may be quite different from a wildfire, for example, requiring contact with different agencies and different skill sets from ARES participants. A well-written emergency communications plan greatly simplifies activation procedures and ensures that smaller items are not inadvertently overlooked.
 - Emergency and disaster response provides experience with actual pressures and changing requirements found in such environments. Having the opportunity to participate in emergency or disaster response offers the ARES member valuable lessons and experiences. Therefore, it is important for those involved in the response to participate in the After-Action Reports (AAR) and debriefing process, so that all participants can learn from those who have operated in emergency conditions. Careful attention to details and retention of notes is an important part of completing this important educational task.
 - The knowledge, understand and ability to operates various available field resources for communicating, such as VHF, UHF, HF, repeaters, accepted simplex frequencies, and local/regional HF networks as well as integrating messaging networks such as high-speed multimedia (HSMM) networks, the National Traffic System (NTS), and NTS-Digital (NTSD), along with new technology and data communications, and cross-training with other communications services is all highly valued.
 - The ability to work with federal, state, local and tribal officials, participate in neighborhood programs, and cooperate or even be embedded with local CERT, National Weather Service SKYWARN, and similar programs, and assisting with community events, such as rallies, races, marathons, parades, all of which create training opportunities and team building when done so as a training exercise.
-

Elizabeth Klinc, KE8FMJ
OHIO Section Public Information Coordinator
ke8fmj@gmail.com



It is time to plan, write, and send those newsletters in to me for the 2024 newsletter contest! Add ke8fmj@gmail.com to your [mailing list if you haven't already](#) or forward to me separately. I am getting many directly now and it is much appreciated!

I have been talking about getting the Ohio PIO list cleaned up. I have received an email from a few of you about changes to your information. Now that I have the information, I will respond individually; however, I wanted to get the information out here.

There is an official application form. [FSD-187 \(Application for Station Appointment\)](#) is the application and it is also listed on the Ohio ARES website.

So first, if you haven't already, check the following ARRL website for your county's and/or district's listing(s): <http://www.arrl.org/field-appointments>. Set "Section:" to Ohio and set "Appointment:" to Public Information Officer.

Once you know who should be (or not be) on the list, email me with any info or changes you have. For PIOs not listed, fill out form FSD-187 and email it to both me and Tom Sly, your section manager.

PIOs are usually chosen from club publicity chairs and must be full ARRL members. It is highly recommended to have completed the ARRL's PR-101 course. You can find and register for the free course here: <http://www.arrl.org/online-course-catalog>.

PIO Responsibilities from [arrl.org](http://www.arrl.org):

- Establishes and maintains a list of media contacts in the local area; strives to establish and maintain personal contacts with appropriate representatives of those media (e.g., editors, news directors, science reporters, etc.). Understands how stories should be submitted to media outlets and knows the rules for successful media submissions by media type.

- Be a contact for the local media and assures that editors/reporters who need information about Amateur Radio know where to find it.
- Keeps informed of activities by local hams and identifies and publicizes those that are newsworthy or carry human interest appeal. (This is usually done through news releases or suggestions for interviews or feature stories).
- Attempts to deal with and minimize any negative publicity about Amateur Radio and to correct any negative stories which are incorrectly ascribed to Amateur Radio operators.
- Generates advance publicity through the local media of scheduled activities of interest to the general public, including licensing classes, hamfests, club meetings, Field Day operations.
- Helps individual hams and radio clubs to develop and promote good ideas for community projects and special events to display Amateur Radio to the public in a positive light.
- Keeps current and familiar with available materials including ARRL Public Service Announcements (PSAs), knows appropriate websites and social media to post viral media, brochures and audiovisual materials; contacts local radio and TV stations to arrange airing of Amateur Radio PSAs; secures appropriate brochures and audiovisual materials for use in conjunction with planned activities.
- Seeks to constantly improve their skills by attending regional training sessions, PR Forums and other training activities endorsed by section PICs.
- Submits articles and photographs to ARRL for QST and online applications.

Working with others:

- Works with Local Government Liaisons to establish personal contacts with local government officials where possible and explain to them, briefly and non-technically, about Amateur Radio and how it can help their communities.
- Works with the section PIC to identify and publicize League-related stories of local news interest, including election and appointment of local hams to leadership positions, QST articles by local authors or local achievements by amateurs.
- Keeps the section PIC fully informed on their activities and places PIC on news release mailing list.
- Assists the section PIC in recruiting hams for public speaking engagements and promotes interest among community and service organizations in finding out more about Amateur Radio.
- Quickly informs the ARRL Media and PR Manager of any issue or significant event noted which may either enhance or damage the reputation of the ARRL.
- Networks with other PIOs to facilitate coordination.

Work in Emergencies

Note: It is highly recommended that the PIO should not also be the Emergency Coordinator.

- Is familiar with local emergency protocols and establishes relations with the lead governmental response agency in their home area and their requirements for the PIO's participation in a Joint Information Center in an emergency.
- Helps local clubs and/or section designated ARES-PIOs (PIOs who are specifically trained and tasked by the SM and/or PIC to work with ARES units) prepare emergency response media plans.
- Provides aid to section appointed ARES-PIOs or assume that role if none is available.
- Working with the PIC, aids clubs and others involved in emergency response operations in the preparation and contents of PR kits containing vetted information about Amateur Radio in their local area which may be distributed in advance to local Emergency Coordinators for use in dealing with the media during emergencies. During emergencies, these kits should be made available to reporters at the scene, the JIC or at a command post.
- Maintains contact with the local Emergency Coordinator and/or District Emergency Coordinator and League officials (local stories often can quickly turn national).
- Summarizes Amateur Radio activity in an ongoing situation, and follow up any significant emergency communications activities with accurate and prompt reporting to the media of the extent and nature of Amateur Radio involvement. They should NOT speak or give information for our served agencies.
- Takes free online FEMA courses in the National Incident Management Structure/ICS/Disaster PIO or seeks similar training from the state emergency management office.

73,

Elizabeth, KE8FMJ
OHIO Section PIC
OHIO District 3 Emergency Coordinator
ke8fmj@gmail.com

*From the Ohio Section Youth Coordinator
Anthony Luscre, K8ZT - SYC k8zt@arrl.net*

Youth & Scouting Amateur Radio Resources

A 100th Anniversary

During the September 22-23 weekend, I helped mark the 100th Anniversary celebration of Camp Manatoc (located North of Akron, Ohio and bordering the Cuyahoga Valley National Park). I was asked to assist in an Amateur Radio display and demo for participating Scouts and other visitors.

I decided to tweak and update my existing Youth in Amateur Radio resources for the event. Some of these resources are specific to this event and scouting, but many can be used for other youth and community events your club may engage in.



Title	Resource Links	
What Is Amateur Radio? Scouting Edition	Video Loop- Youtube	Slideshow
Scouting Ham Radio Info Sheet- Main Handout	tiny.cc/radioscout	
Youth Radio Resources	tiny.cc/hry	
Morse Code- Send & Decode Tree + Phonetic Alphabet	Poster (11 x 17)	Handout- http://tiny.cc/mcinfo
Clothespin Key	Poster (11 x 17)	Handout- tiny.cc/cp-key
Online Tuneable SDR Receivers	Poster (11 x 17)	Handout- http://tiny.cc/freerx
JOTA	Poster (11 x 17)	
Radio Merit Badge	Poster (11 x 17)	
AR Scouting Resources for Adult Leaders	http://tiny.cc/ar-scout	

Most of these resources include QR codes and shortened URLs to make them easy to share without the need to make paper copies. The QR codes and links on the posters usually direct the visitor to the corresponding handout with more detail than the posters. The posters are laminated and designed to catch the eye of visitors quickly.

You & Your Local Clubs Role in Youth & Community in Amateur



Radio

I also updated my presentation materials for a two-part series presented to the [RATPAC](#) group earlier in the month. The RATPAC group provides weekly, free live Amateur Radio Zoom presentations by a wide variety of speakers. Wednesday nights focus on general AR topics, and Thursdays focus on AR in Emergency Communication. For a complete list of their previously recorded and upcoming presentations, visit tiny.cc/ratpac-list. My two presentations included a slideshow- tiny.cc/yiar and a video recording of [Session 1](#) and [Session 2](#). If you are interested in Youth in Amateur Radio, I suggest you take a look at them.

Looking forward to JOTA

One of the premier Amateur Radio Scouting Events is JOTA (Jamboree On The Air). This annual event takes place on the 3rd weekend in October. It involves all types of Scouting Groups. Here are a few resources:

Youth In Amateur Radio



Anthony Luscre, K8ZT
ARRL Ohio Section Section
Youth Coordinator (SYC)

Amateur Radio Community Displays & Outreach



Community
OUTREACH

- *Scouting JOTA*
- *ARRL JOTA*
- *JOTA/JOTI*

73, and please feel free to contact me with any questions/suggestions or if you would like a presentation for your local club's meeting (list of presentations available at tiny.cc/k8zt-p)
 Anthony, K8ZT (k8zt@arrl.net) 330-650-1110



From the Ohio Section Youth Coordinator
 Anthony Luscre, K8ZT - SYC k8zt@arrl.net

W1AW/8 Portable Operation Recap

A Week of Operating Adventures



It began at 8 PM (Eastern Time) on Tuesday, August 29th (0000 UTC Wednesday, August 31), and over the next week (168 hours), over 75 operators around Ohio activated W1AW/8, the portable version of the [Hiram Percy Maxim Memorial Station's](#) Callsign. As part of the ARRL's 2023 VOTA ([Volunteers On The Air](#) project), those contacting W1AW/8 received points. I would like to thank all those who participated in the immensely successful activation.



Some Statistics

- QSOs made- 9667

- US States- all 50

ST	160M	80M	40M	20M	15M	10M	6M	2M	Total	ST	160M	80M	40M	20M	15M	10M	6M	2M	Total
AK			1	1					2	MT			8	20	8				36
AL	5	13	52	47	5				122	NC	7	28	170	10	4	3			222
AR	5	14	42	72	5	1			139	ND		1	18	30					49
AZ		6	29	86	52	4			177	NE		3	16	44	1				64
CA		13	87	204	133	41			478	NH	5	6	31	23		1			66
CO		7	54	84	21	1			167	NJ	4	21	122	8					155
CT	1	8	60	23		1		1	94	NM	1	3	10	34	14	1			63
DE	1	5	26	1	1				34	NV	1	2	9	21	13	1			47
FL	6	31	129	256	12	3			437	NY	13	41	232	16	2	1		2	307
GA	1	27	133	33	6	4			204	OH	29	114	389	62	35	19	24	7	679
HI			1	6	2	1			10	OK		9	33	100	2				144
IA	3	7	40	22	2	1			75	OR		4	25	53	33	1			116
ID		2	15	36	7	1			61	PA	8	45	278	12	4	2	3		352
IL	6	49	162	6	5	3	1	2	234	RI	2	12	14	8	1				37
IN	7	18	131	8	1	1	2		168	SC	5	14	69	17	4			1	110
KS	3	7	25	54	2				91	SD		4	10	23	2				39
KY	10	20	78	5	5	2		1	121	TN	9	36	161	19	2	3			230
LA	3	7	23	47	3	1			84	TX	7	31	137	307	44	3			529
MA	7	24	57	65	7	2			162	UT		3	14	44	26				87
MD	4	13	89	3	3	2		4	118	VA	12	48	175	6	2	4	1	3	251
ME	3	13	31	22		1			70	VT	2	5	11	5					23
MI	13	49	205	11	11	4	1	1	295	WA		7	35	93	59	2			196
MN	5	22	57	80	1	3			168	WI	10	23	92	11	6	3			145
MO	5	13	78	52	2	1			151	WV		10	57	1	4	2			74
MS		10	20	31	3				64	WY			6	9	2				17
										Total	203	848	3747	2231	557	124	32	22	7764

- Top 10 States by total QSO

	ST	160M	80M	40M	20M	15M	10M	6M	2M	TOTAL
1	OH	29	114	389	62	35	19	24	7	679
2	TX	7	31	137	307	44	3			529
3	CA		13	87	204	133	41			478
4	FL	6	31	129	256	12	3			437
5	PA	8	45	278	12	4	2	3		352
6	NY	13	41	232	16	2	1		2	307
7	MI	13	49	205	11	11	4	1	1	295
8	VA	12	48	175	6	2	4	1	3	251
9	IL	6	49	162	6	5	3	1	2	234
10	TN	9	36	161	19	2	3			230

- US Counties 1418

- DXCC Countries Worked - 96 (we would have had 97 if the two P5 North Korea's logged were correct. They were actually an OH6 logged as a QH6 and W7AGO/7 logged as W7AGO/P7)
- Top 20 Countries worked.

DXCC		TOTAL
K	USA	7841
VE	Canada	315
DL	Germany	174
I	Italy	108
EA	Spain	96
PY	Brazil	94
JA	Japan	89
UA	Russia	83
F	France	76
G	England	72
LU	Argentina	61
PA	Netherlands	57
SP	Poland	52
VK	Australia	48
YO	Romania	27
CO	Cuba	24
UR	Ukraine	23
LZ	Bulgaria	22
HA	Hungary	21
KP4	Puerto Rico	20

- All countries worked and total QSOs with each.

DXCC	TOTAL	DXCC	TOTAL	DXCC	TOTAL	DXCC	TOTAL				
3D2-F	Fuij	2	EA9	Ceuta & Melilla	1	K	USA	7841	SV9	Crete	1
4J	Azerbaijan	1	EI	Ireland	8	KH6	Hawaii	11	TA	Turkey	2
4O	Montenegro	1	ER	Moldovia	1	KL7	Alaska	2	TF	Iceland	1
4X	Israel	3	EW	Belarus	1	KP2	Virgin Is.	2	TG	Guatemala	1
5B	Cyprus	1	EX	Kyrgystan	1	KP4	Puerto Rico	20	TI	Costa Rica	2
5W	Samoa	1	F	France	76	LA	Norway	6	TK	Corsica Is.	2
7Q	Malawi	1	FG	Guadeloupe	2	LU	Argentina	61	UA	Russia	83
8P	Barbados	2	FM	Martinique	1	LX	Luxembourg	2	UA0	Asiatic Russia	15
9A	Croatia	15	FY	French Guiana	1	LY	Lithuania	3	UR	Ukraine	23
9K	Kuwait	1	G	England	72	LZ	Bulgaria	22	V3	Belize	1
9Y	Trinidad & Tobago	3	GI	Northern Ireland	9	OA	Peru	2	V5	Namibia	1
A6	U.A.E.	1	GJ	Jersey	3	OE	Austria	14	VE	Canada	315
BY	China	3	GM	Scotland	7	OH	Finland	6	VK	Australia	48
CE	Chile	10	GW	Wales	3	OL	Czech Rep	16	XE	Mexico	14
CO	Cuba	24	HA	Hungary	21	OM	Slovak Rep	8	YB	Indonesia	4
CT	Portugal	14	HB	Switzerland	9	ON	Belgium	17	YL	Latvia	1
CT3	Madeira Is.	2	HC	Ecuador	8	OZ	Denmark	15	YO	Romania	27
CX	Uruguay	9	HH	Haiti	1	PA	Netherlands	57	YS	El Salvador	2
D2	Angola	1	HI	Dominican Rep.	10	PJ2	Curacao	1	YU	Serbia	9
DL	Germany	174	HK	Colombia	10	PY	Brazil	94	YV	Venezuela	9
E7	Bosnia-Herz.	3	HP	Panama	3	S5	Slovenia	8	Z3	Macedonia	1
EA	Spain	96	I	Italy	108	SM	Sweden	19	ZL	New Zealand	12
EA6	Balearic Is.	5	ISO	Sardinia	2	SP	Poland	52	ZP	Paraguay	2
EA8	Canary Is.	4	JA	Japan	89	SV	Greece	13	ZS	South Africa	3

- Modes by Band

BAND	MODES					TOTALS
	CW	PH	FT4	FT8	RTTY	
160M	10	10		189		209
80M	191	142	4	592		929
40M	1339	1298	16	1651	4	4308
20M	489	1367	87	737	11	2691
15M	206	216	93	719		1234
10M		6		262		268
6M		12		23		35
2M				23		23
TOTALS	2235	3051	200	4196	15	9697

- QSOs by Day & Band

DATE	160M	80M	40M	20M	15M	10M	6M	2M	TOTALS
30-Aug-23	61	304	584	520	253	38	3		1763
31-Aug-23	39	120	740	296	123	6	1		1325
01-Sep-23	3	114	375	416	142	80	1		1131
02-Sep-23	28	62	531	111	10	8			750
03-Sep-23	40	122	874	247	190	51	16	22	1562
04-Sep-23		108	515	554	295	64			1536
05-Sep-23	38	99	675	547	221	21	14	1	1616
Average	30	133	613	384	176	38	5	3	1383

- Operator Callsigns. Please note that some of these are clubs where more than one person was operating, and some of those with individual personal callsigns invited their friends, local club members and/or family to join in. So, I am sorry that I can not list all the operators individually.

AA8P	Ralph Pamer	KE8DRR	Troy Blair	W8FY	Van Wert Ohio ARC
AB8M	Doug Dever	KE8JVX	Brian McSpadden Gardener	W8HFZ	Tim McLeod
AB8MO	Andrew Juchnowski	KE8PNX	David E Landis Jr	W8KJR	Evan Hartman
AB8OU	Allan Zadiraka	KE8PX	Ron Wilch	W8KVK	Ted (Edward) Jacobson
AC8NP	Dan Rinaman	KG8RRY	Gerald Sorensen	W8LT	Ohio State ARC
AE8Q	Ed Brady	KI8N	Terry Windsor	W8LTR	Walter J. Witham
K3YP	Ray	KR8E	Matthew Murphy	W8MRL	Rob Lindsay
K8BF	Portage County Amateur Radio Service (PCARS)	KW8N	Bob Hayes	W8NET	Gene Marsh
K8BL	BOB LIDDY	N8CWU	Larry Krist	W8NET	Gene Marsh
K8DL	Dave Lewis	N8EI	Jason McCormick	W8VPV	Anthony, K8ZT
K8DV	David Vest	N8HRZ	Steven Ruman	W8WLK	Walter L Kenyon Jr
K8MP	Malcolm (Joe) Papworth	N8PE	John McCoy	WA3C	Michael Zilavy
K8MSH	Mark Haverstock	N8QE	Robert Hajdak	WA3JAT	Jim Berry
K8WSL	Jeffrey Evans	N8VW	Pat Collins	WB8LCD	Tom Sly
K8ZT	Anthony Luscre	N8WCP	Michael Szabo	WB8REI	Jeff Potteiger
KB8GAE	Richard Slutz	N8ZGM	Shane Klingler	WD8MLV	Jack Snyder
KB8GUN	Ray Webb	NW8D	Robert Smith	WE8L	Jason Warren
KB8ZUN	Jeffrey Evans	W1PD	Tom Miller	WG8X	John Myers
KB8ZYE	Mike Braun	W8ALT	Walter F Callahan Jr	WO3X	John Grazulis
KD8QNY	Nancy Brett	W8DEA	Don Wade	WZ8P	Everett Jackon
KD8TTE	C Matthew Curtin	W8EH	Ernie Howard		

guarantee. There are FCC and international regulations on international radiograms. Messages may be accepted from anyone for sending by Amateur Radio.

What constitutes "legal" messages, or any other kind of third party communication, has been a matter of considerable discussion and various interpretations throughout the years. The pertinent regulations sections are 97.3b, which defines an amateur operator as being a person "without pecuniary interest;" 97.112, which forbids any remuneration or other kind of compensation for use of an amateur station; and 97.114, which details certain prohibitions on third-party traffic.

ORIGINATING RADIOGRAMS

ARRL — the national association for Amateur Radio™

RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE		
TO <div style="text-align: center; color: green; font-weight: bold; font-size: 1.2em;">Address Part</div> PHONE NUMBER _____ E-MAIL _____			THIS RADIO MESSAGE WAS RECEIVED AT AMATEUR STATION _____ PHONE _____ NAME _____ E-MAIL _____ STREET _____ CITY, STATE, ZIP _____						
Text									
Signature REC'D <small>This message was handled at no charge by a licensed Amateur Radio operator, whose address is shown in the box at right above. No compensation can be accepted by a "ham" operator. A return message may be filed with the "ham" delivering this message to you. Further information on Amateur Radio may be obtained from ARRL Headquarters, 225 Main Street, Newington, CT 06111 or www.arrl.org.</small>			FROM _____ DATE _____ TIME _____ TO _____ DATE _____ TIME _____ SENT					<small>The ARRL is the national association for Amateur Radio and the publisher of QST magazine. One of its functions is promotion of public service communication among Amateur Radio operators. To that end, the ARRL has organized the National Traffic System for daily nationwide message handling.</small> 1320 2/11	

Any amateur can originate a radiogram on behalf of another individual, whether such individual be a licensed amateur or not. It is the responsibility of the originating amateur, however, to see that the message is in proper form before its first transmission, because under most circumstances it is improper for a relaying or delivering station to make changes.

HEADER

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
TO				THIS RADIO MESSAGE WAS RECEIVED AT			
				AMATEUR STATION		PHONE	

Each radiogram originated and handled should contain the following header component parts in the order given:

- **Number:** Every radiogram transmitted should bear a number. Keep a sheet with a consecutive list of numbers (beginning at 1) at your operating position. When a radiogram is filed at your station for transmission, complete all parts of the preamble except the number, leaving this blank. When you send the radiogram, assign a number to it from your number sheet, crossing out numbers on the sheet as they are used and making a notation, after the number, of the station to whom the radiogram was sent and the date. Such a system is convenient for quick reference purposes. Most traffic handlers start with number 1 at the beginning of each year. Message numbers never start with a zero or series of zeros.
- **Precedence:** Every radiogram has a precedence in amateur procedure. This will normally be "Routine" (R). It is a separate part of the preamble and is transmitted as such, not as part of the number. Other precedents are "Emergency" (never abbreviated), "Priority" (P), and "Welfare" (W).
- **Handling Instructions (HX)** are available prosigns for use when or if desired by the originator or the originating station, whenever special instructions are required in the handling of the radiogram.
- **Station of Origin:** The "station of origin" is the call of the station from which the radiogram was first sent by Amateur Radio and is included so that handling stations will be able to communicate with the originator if something interferes with the prompt handling or delivery of the message.
- **Check:** The "check" is the number of words and numerals in the text of the radiogram. Handling stations should agree on the check before the message is considered handled. Full information on checking radiograms is given later.
- **Place of Origin:** The "place of origin" is the name of the place (city or town) from which the radiogram was started, not necessarily the location of the station of origin. The preamble of a radiogram filed at League headquarters in Newington Conn., might read as follows:

NR 457 R W1INF 21 NEWINGTON CONN 2057Z JUNE 11

- If a message is sent to your station by mail or otherwise not filed in person, the preamble should show the place the radiogram originally came from. If the radiogram came to League Headquarters by mail from Wiscasset, Maine, the preamble would read:

Any radiogram received at an amateur station by any means other than Amateur Radio is an origination when put on an amateur circuit by that station.

- **Time Filed:** The time filed is the time at which the radiogram is received at the station from which it is to be sent. Standard practice is to use UTC. This part of the preamble is **optional** with the originating station.
- **Date:** The month and the day of the month that the radiogram was filed at the originating station. The year is not included. If the filing time is UTC, be sure the date agrees.
- **Address:** The address is the name, street and number, city and state of the party to whom the radiogram is being sent. The telephone number should be part of the address. A complete address should always be given to ensure delivery. When accepting a radiogram for origination this point should be stressed. In street addresses where the words east, west, north, south are part of the address, spell out the words in full. Suffixes "th," "nd," "st" etc., are not recommended. Example: "19 W 19th St" should be "19 West 19 St." It is not good practice for the relaying station to change address format, but the originating station should observe the above practices to ensure clarity in retransmission. In transmitting the message the address is followed by "break" before the text is started.
- **Text:** The text consists of words in the body of the radiogram. No abbreviations should be substituted for the words in the text of the radiogram. The text follows the address and is set off from the signature by another **break**.
- **Signature:** The signature is usually the name of the person originating the message. The signature follows the word "break" at the end of the text. The abbreviation "sig" is not transmitted. After the signature, say "end". If more to follow, say "more." If no more, say "no more" Note that when filling out a radiogram on a radiogram form, the signature is placed below the lines marked for the text and above the record keeping sent-to/received-from blocks.

COUNTING WORDS IN A RADIOGRAM

The amateur radiogram "check" is the count of the number of words in the text only. It is essentially an "as sent" count. While it is assumed that the rules of grammar and spelling will be followed, the check count is determined principally by the spacing used by the transmitting operator in sending the text. Since the first operator to transmit the radiogram is the operator of the originating station who enters the check in the preamble, this check should carry through to destination.

The relaying operator has no authority to change the check unless it is definitely determined that the check as he received it is incorrect, then he should confirm with the transmitting operator before making the change. When such a change is made, the original check should remain in the preamble. Example: an original check of 10 corrected to 9 would be spoken as "ten corrected to nine."

The check is a means for ensuring the accuracy and completeness of your copy. It also indicates to the receiving operator how many words the radiogram he is about to copy will contain. Inclusion of "check" in a message preamble is not optional.

Numbers, ciphers, mixed groups and punctuation each count as one in the check, regardless of length. It is recommended amateur practice not to use punctuation, fractions or other unorthodox or seldom-used code symbols in messages as such, but rather to spell these out when used in the text of a message to avoid complications in checking. The letter X or "X-ray" is used in place of a period or semicolon and is counted in the check.

Special note: The ARRL recommended procedure for counting the telephone number in the text of a radiogram is to separate the telephone number into groups, with the area code (if any) counting as one word, the three-digit exchange one word, and the last four digits one word. For example, 203 666 1541 counts as three words in the text of a message; 666 1541 counts as two words. Separating the phone number into separate groups also minimizes garbling.

So you have generated your first radiogram. Now what do you do with it? What is the next step? You will need to take your radiogram to one of these traffic nets to get it on its way. Although this may seem scary you will find lots of friends on these nets to help you.

The ARRL's Simulated Emergency Test (SET) is October 7 - 8, 2023. This would be a good time to make and send your first radiogram. There are examples of radiograms below.

OHIO SINGLE SIDEBAND NET

Morning session	10:30 AM	3972.5 KHz	every day
Afternoon session	4:15 PM	3972.5 KHz	every day
Evening session	6:45 PM	3972.5 KHz	every day

OHIO HF CW TRAFFIC NETS

HF CW NETS	NET TIMES	FREQUENCY	NET MANAGERS
Buckeye Early	6:45 PM	3.580	N2LC
Buckeye Late	10:00 PM	3.590	WB9LBI
Ohio Slow Net	6:00 PM	3.53535	N2LC

All CW net frequencies plus or minus QRM
OHIO LOCAL VHF FM TRAFFIC NETS

VHF NETS	NET TIMES	FREQUENCY	NET MANAGERS
BRTN	9:30 PM DAILY	145.230 PL 110.9	KD8GXL
COTN	7:15 PM DAILY	146.970 PL 123.0	KV8Z
NWOHARES	6:30 PM DAILY	147.375 PL 103.5	N8TNV
TCTTN	9 PM Sun, Tues, Fri	147.015 PL 110.9	WB8YYS
TATN	8:00 PM DAILY	146.670 PL 123.0	WG8Z

OHIO VHF TRAFFIC NETS

- BRTN Burning River Traffic Net serving Cleveland and North Central Ohio
 COTN Central Ohio Traffic Net serving Columbus and Central Ohio
 NWOH ARES Northwest Ohio ARES Net serving Toledo and surrounding counties
 TATN Tri-State Amateur Traffic Net
 TCTTN Tri-County Traffic and Training Net serving Northeast Ohio

To find out how to be involved in this year's SET, please contact your local ARRL Emergency Coordinator or Net Manager. Check on upcoming planned activities through local, state or section wide nets. In addition, refer to the ARRL Section Web pages at www.arrl.org/groups/sections. Your ARRL Section Manager can assist, too.

Contact Information

Contact: Tom Sly WB8LCD - Section Manager Email: wb8lcd@arrl.org

Description: Visit the Ohio Section website <http://arrl-ohio.org/>
 Get all of the latest News and Updates about the Ohio Section <http://arrl-ohio.org/news/>

ARRL Ohio Section ARES

<https://www.arrl.org/ares>
<http://arrl-ohio.org/SEC/>

Section Emergency Coordinator (SEC)
 Bret Stemen, KD8SCL
 E-mail: kd8scl@earthlink.net

PURPOSE OF SET

1. To find out the strengths and weaknesses of ARES, NTS, RACES and other groups in providing emergency communications.
2. To provide a demonstration--to served and partner agencies such as the American Red Cross, the emergency management agency and through the news media--of the value to the public that Amateur Radio provides, particularly in time of need.
3. To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated-emergency conditions.

SCORING FORMAT

The scoring format reflects broad objectives and encourages use of digital modes for handling high-volume traffic and point-to-point Welfare reports out of the affected simulated- disaster area. Participants will find SET an opportunity to strengthen the VHF-HF link at the local level, thereby ensuring that ARES and NTS are working in concert. The SET will give all levels of NTS the chance to handle exercise-related traffic. The guidelines also recognize tactical traffic on behalf of served agencies.

Test messages should carry the word "**TEST**" before the precedence; that is, "**Test Priority.**" The text of such messages should also begin with the words "**TEST MESSAGE.**" Remember someone may misinterpret the text of your radiogram without this safety feature.

ARES units and other groups are free to conduct their emergency exercises anytime until the end of the calendar year if an alternative date is preferred. The activity period should not exceed 48 hours.

THE ROLE OF NTS

The main function of the National Traffic System in an emergency situation is to tie together all of the various local activities and to provide a means by which all traffic destined outside of a local area, section or region can be systematically relayed to the addressee.

Normal NTS routing should be followed. A valid exception is the handling of emergency traffic that should be routed as rapidly and efficiently as possible, bypassing various levels of nets when delivery can be expedited. Another exception is when one station is loaded down with traffic for one region or section. At the discretion of the Net Control Station (NCS), the station may be directed to bypass a normal channel and go directly to a lower (or higher) echelon net.

The interface between NTS and ARES lies in the liaison function between local nets and other NTS nets, particularly at the section level. Responsibility for representation of the local network on the section net lies with the local net manager who may or may not be the ARRL Emergency Coordinator. Although we usually think of ARES members being the representatives in section nets, it is equally valid to expect NTS personnel to act as liaison to local nets.

Summary

One of the first steps on the way to a successful SET is to try to get as many people involved as possible. In a real emergency, we find amateurs with all sorts of varied interests coming out of the “woodwork.” Let's get them involved and informed through the SET so they will know more about how emergency communications can be and should be handled. Promote the SET on nets and repeaters ahead of time to sign up prospective participants.

Thanks to your efforts, the public service tradition in Amateur Radio continues!

SAMPLE OF SET RADIOGRAMS

THE AMERICAN RADIO RELAY LEAGUE RADIOGRAM <small>VIA AMATEUR RADIO</small>							
NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
113	P	K	KABARA	11	COLUMBUS OH		OCT 2
TO INCIDENT COMANDER EDC COLUMBUS OH TELEPHONE NUMBER C/O TRAFFIC DRANAGE WABEZN						THIS RADIO MESSAGE WAS RECEIVED AT AMATEUR STATION _____ PHONE _____ NAME _____ STREET ADDRESS _____ CITY, STATE, ZIP _____	
<u>TEST</u>		<u>MESSAGE</u>		<u>NEED</u>		<u>MORE</u>	
<u>AND</u>		<u>SANITATION</u>		<u>KITS</u>		<u>AT</u>	
<u>BRAVO</u>						<u>SHELTER</u>	
						<u>John Smith</u> <u>SHELTER MANAGER</u>	
REC'D	FROM	DATE	TIME	SENT	TO	DATE	TIME
THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 06111				THE AMERICAN RADIO RELAY LEAGUE, INC. IS THE NATIONAL MEMBERSHIP SOCIETY OF LICENSED RADIO AMATEURS AND THE PUBLISHER OF QST MAGAZINE. ONE OF ITS FUNCTIONS IS PROMOTION OF PUBLIC SERVICE COMMUNICATION AMONG AMATEUR OPERATORS. TO THAT END, THE LEAGUE HAS ORGANIZED THE NATIONAL TRAFFIC SYSTEM FOR DAILY NATIONWIDE MESSAGE HANDLING.			
						PRINTED IN USA WABEZN	

THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER 73	PRECEDENCE R	HX	STATION OF ORIGIN WB8XXX	CHECK 9	PLACE OF ORIGIN Anytown OH	TIME FILED	DATE OCT 2
---------------------	------------------------	----	------------------------------------	-------------------	--------------------------------------	------------	----------------------

TO **ANY HAM OPERATOR**
ANYWHERE USA

TELEPHONE NUMBER _____

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

SENDING MESSAGES TO OTHERS IS
A FUN ACTIVITY 73

John Q HAM
WB8XXX

REC'D	FROM	DATE	TIME	SENT TO	DATE	TIME
-------	------	------	------	---------	------	------

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 06111

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W3BEZ PRINTED IN USA

THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER 2	PRECEDENCE R	HX	STATION OF ORIGIN WB8XXX	CHECK 16	PLACE OF ORIGIN INCIDENT STAGING	TIME FILED 1700	DATE OCT 3
--------------------	------------------------	----	------------------------------------	--------------------	--	---------------------------	----------------------

TO **AREA DUTY OFFICER**
INCIDENT COMMAND CENTER

TELEPHONE NUMBER _____

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

TEST MESSAGE CAN YOU SEND
RELIEF OPERATOR TO STAGING AREA
QUERY IF SO PLEASE ADVISE
ETA

K8BAA
AMATEUR RADIO VOLUNTEER
STAGING AREA

REC'D	FROM	DATE	TIME	SENT TO	DATE	TIME
-------	------	------	------	---------	------	------

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 06111

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W3BEZ PRINTED IN USA

THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER 88	PRECEDENCE R	HX	STATION OF ORIGIN K8BAAD	CHECK 14	PLACE OF ORIGIN SHELTER ADAM	TIME FILED	DATE OCT 3
---------------------	------------------------	----	------------------------------------	--------------------	--	------------	----------------------

TO **INCIDENT COMMAND**
SUPPLY OFFICER
816 K8BTTE BEXLEY OH
TELEPHONE NUMBER

THIS RADIO MESSAGE WAS RECEIVED AT	
AMATEUR STATION _____	PHONE _____
NAME _____	
STREET ADDRESS _____	
CITY, STATE, ZIP _____	

TEST	MESSAGE	SEND	GENERATOR	TO
SHELTER	ADAM	X	POWER	FAILURE
AND	ICE	CREAM	MELTING	
			BETTY PUBLIC	
			SHELTER SUPERVISOR	

REC'D	FROM	DATE	TIME	SENT TO	DATE	TIME
-------	------	------	------	---------	------	------

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 06111

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WA3EZN

PRINTED IN USA



73
 David WA3EZN
 Ohio Section Traffic Manager
wa3ezn@att.net

From the Section Affiliated Clubs

Coordinator - ACC

Amanda Farone – KC3GFU

Afrone926@gmail.com

330-509-4095

The warm weather activities are winding down for the year. We still have a few hamfests in the books to attend and I'm happy to hear the planning has begun for next year. Not only is it a good time to start planning hamfests for 2024, but it's also a good time to start planning ALL club activities for 2024. It's never too early and from my experience, the earlier you start, the better the overall turnout. Start thinking about club operating events, club picnics and social gatherings, workshops, programs, public service events, etc. Start researching new and exciting activities and ways to reach the general public to showcase your club and what you can do for the community. If you

find yourself stumped on ideas, I am always eager to lend my thoughts. Just a reminder, I am here to help in whatever ways I can. My focus is to see ALL clubs in the Ohio Section thriving.

The season change should be getting your brain in gear for Club Officer elections. Most club elections happen during the month of November. Have you thought about running for a board position? Every club needs leaders who can work with and motivate others to move the club forward. Electing these club officers is a critical aspect of a club's success. Too often we see members taking on positions out of guilt or because simply nobody else is willing to step up. Attitude makes the difference. You should be stepping up because you are invested in your club and want to see it thrive. You should be stepping up because you feel the club deserves someone who is willing to put the work in and commit to the future of the organization. On the same note, don't be discouraged from stepping up because you feel you are not adequate. Every single person has SOMETHING they can bring to the table if they are willing.

The ARRL has released a new club-level award, First Contact Award. There is a new certificate available to commemorate this. This is a fillable PDF that can be printed or saved. The Mentor Award has been reworked. If a friendly ham helped you get started, taught a class, or introduced you to a digital mode, thank them with this award. You can find all awards that are available at www.arrl.org/awards.

There are a few notable upcoming events I'd like to touch base on. First is the Solar Eclipse QSO Party. ARRL has partnered with HamSCI to promote participation in the Solar Eclipse QSO Party (SEQP). Solar eclipses will pass across the continental US on October 14th, 2023 and April 8th, 2024. During this time, you can join fellow amateurs in ham radio scientific exploration. All you need to do is operate using any mode and any band for all or part of the day,



then upload your log. You can participate from anywhere. For more information visit www.hamsci.org/contest-info. The next event is Jamboree on the Air (JOTA) happening on October 20th-23rd. JOTA is an annual event that helps Scouts and Guides “get together” over the airwaves and talk about scouting experiences and make new friends from all over the world. You can find more information at www.arrl.org/jamboree-on-the-air-jota. ARISS is once again looking for students who would like a STEM opportunity by making contact with a crew member aboard the International Space Station (ISS). The voice only radio contacts are approximately 10 minutes long and allow students to interact with the astronauts through a question-and-answer session. They can also learn about satellite communication, wireless technology, and radio science. The deadline to submit proposals is November 10th, 2023. The forms and guidelines can be found at www.ariss.org. Last but certainly not least, the Intrepid-DX Group has announced their 4th Annual Youth Dream Rig Essay Contest. The Youth Dream Rig Essay Contest is designed to gather the views and ideas of young people involved in amateur radio. Contestants must be USA or Canadian amateur radio license holders who are 19 years old or younger; must reside in the US, US territories, or Canada, and they must submit a two-page essay explaining what attracted them to amateur radio. For a complete list of the rules and prizes, visit <https://intrepid-dx.com/news>.

Amanda Farone, KC3GFU
ARRL Ohio Section | Affiliated Club Coordinator
AFARONE926@gmail.com

National News

(from arrl and other sources)

NASA Astronaut Frank Rubio Safely Returns to Earth



EXPLORE
A Weekly Bit of Space in Your Inbox



NASA Astronaut Frank Rubio Safely Returns to Earth

After spending an American record-breaking 371 days in space, [Rubio departed the International Space Station](#), along with Roscosmos cosmonauts Sergey Prokopyev and Dmitri Petelin, on Wednesday, Sept. 27, and made a safe, parachute-assisted landing southeast of the remote town of Dzhezkazgan, Kazakhstan.

Rubio launched on his first spaceflight on Sept. 21, 2022, alongside Prokopyev and Petelin. Rubio's spaceflight is the longest single spaceflight by a U.S. astronaut, breaking the record previously held at 355 days by NASA astronaut Mark Vande Hei.

During his mission, Rubio completed approximately 5,936 orbits and a journey of more than 157 million miles, roughly the equivalent of 328 trips to the Moon and back. He witnessed the arrival of 15 visiting spacecraft and the departure of 14 visiting spacecraft representing crewed and uncrewed cargo missions.

Rubio's extended mission provides researchers the opportunity to observe the effects of long-duration spaceflight on humans as the agency plans to return to the Moon through the Artemis missions and prepare for exploration of Mars.

[Rubio's Year-Long Scientific Journey](#)



September 29, 2023

[ARRL Home Page](#)

Dear ARRL member,

Email messages are being sent to members indicating that the online voting site for the 2023 ARRL

Great Lakes Division Election is now open. The message will include instructions to access candidate statements, the ballot, and to vote.

A third party was selected by the ARRL Ethics and Elections Committee to conduct the election:

Election Services Co. (ESC) of Melville, New York. This same company conducted ARRL elections in 2022. Some background about the effort to include an option to use electronic ballots can be found in the October 2022 issue of *QST* magazine, page 63, in the article "Modernizing the ARRL Division Director and Vice Director Elections."

Please watch your email for the message from **Election Services Co.**

The email message will include the following header:

From: ARRLElection@mg.ElectionServicesCorp.com

Be sure to check your Inbox, and folders for spam and junk, to make sure you do not miss this message.

Tip: if the link included in your message from Election Services Co. does not work, try copying the web address into your web browser to load the page.

Should you need any assistance with voting, please contact the helpdesk for Election Services Co.:
Telephone 866-720-4357
email ARRLElection@ElectionServicesCorp.com

You will also be receiving a paper ballot in a few weeks, which you can use if you prefer to vote through the mail. Please note that only one vote per member will be counted.

73

David A. Minster, NA2AA
Secretary, ARRL

Solar Eclipse QSO Party Seeks Amateurs and Radio Enthusiasts for Global Experiment

ARRL is proud to partner with HamSCI to help promote participation in the Solar Eclipse QSO Party (SEQP). SEQPs are a series of global experiments -- and you can be a part of them. Solar eclipses will pass across the continental United States on October 14, 2023, and April 8, 2024. During these celestial events, you can join thousands of fellow amateurs as part of the largest crowd-sourced event for ham radio scientific exploration. The SEQP is part of the Festivals of Eclipse Ionospheric Science and is for learning more about how the ionosphere works.



All radio amateurs need to do is operate using any mode and any band for all or part of the day, then upload their logs. Participation can be from anywhere; you don't need to be near the path of the eclipse to contribute valuable data. You don't even have to be a licensed ham to participate in the experiment (only to transmit).

- For SEQP contest and rules, visit www.hamsci.org/contest-info.
- For information on the Gladstone Signal Spotting Challenge using CW, WSPR, and FST4W, go to www.hamsci.org/contest-info.
- If you're an SWL or AM DXer, you might be interested in the Medium Wave Recording Event. Go to www.hamsci.org/mw-recordings/ for more information.

Or just get on the air and help provide data to better understand the ionosphere.

The first SEQP is on Saturday, October 14, 2023, from 1200 - 2200 UTC, and participants may use any band or mode (except WARC bands). Researchers will take the submitted logs and work to derive meaningful observations from the data.

ARRL members can find out more about the SEQP by reading "The Solar Eclipse QSO Party: A Fun Way to Support Radio Science" in the September/October 2023 issue of *On the Air* magazine. The On the Air podcast will feature the article's author, Gary Mikitin, AF8A, talking about the event. The episode will go live on October 12.

Students Wanted: Talk to an Astronaut via Amateur Radio in 2024!

There's an opportunity for STEM education via amateur radio that will put students in contact with astronauts. The Amateur Radio on the International Space Station (ARISS) program is seeking formal and informal education institutions and organizations, individually or working together, to host an amateur radio contact with a crew member aboard the International Space Station (ISS). ARISS anticipates that the contacts will be held between July 1 and December 31, 2024. Crew scheduling and ISS orbits will determine the exact contact dates.

To maximize these radio contact opportunities, ARISS is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan. The voice-only radio contacts are approximately 10 minutes long and allow students to interact with the astronauts through a question-and-answer session. Students also have an opportunity to learn about satellite communication, wireless technology, and radio science.



The deadline to submit a proposal is November 10, 2023. Proposal information and more details, such as expectations, proposal guidelines, and the proposal form, can be found at www.ariss.org. An ARISS proposal webinar session will be held on October 5, 2023, at 7 PM ET. Visit <https://ariss-proposal-webinar-fall-2023.eventbrite.com> sign up.

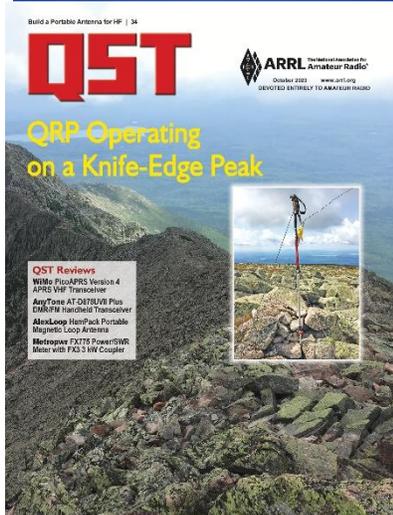
ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include NASA's Space Communications and Navigation program (SCaN), the ISS National Laboratory -- Space Station Explorers, [ARRL](http://ARRL.org), and AMSAT.

Additional information is available at ARISS.org.



THE ARRL | CURRENT

YOUR MONTHLY OVERVIEW OF ARRL PUBLICATIONS AND MEMBER BENEFITS



[Read Digital Issues Now](#)

October QST



How to Renew Your License Online

Navigating the FCC's website to renew your license can be tricky. The ARRL VEC has come to the rescue with this step-by-step guide for how to renew online. [Read QST](#)

September/October *On the Air*



Foxhunting Basics

Rob Zielfelder, N1NUG

Foxhunting, also known as transmitter hunting, is a fun way to build your radio skills while enjoying time in the outdoors with friends. In this game of radio hide-and-seek, the “fox” can be a person hiding with a radio, or it can be an automated transmitter. The hunters use radio gear and direction-finding techniques to figure out the fox’s location. [Read On the Air](#)

September/October *QEX*



Phase Noise Analysis, Then and Today

Dr. Ulrich L. Rohde, N1UL

Gain insight into the struggle to develop a non-linear CAD tool that predicts large-signal noise in amps, frequency doublers, and mixer circuits. [Read QEX](#)

September/October *NCJ*



WRTC 2022 Our I44W Winning Effort

Yuri Onipko, VE3DZ/UT4UZ

Read the whole story of I44W’s WRTC 2022 win, from the qualifying and planning, through the operating. [Read NCJ](#)

Get a limited-edition *NCJ* challenge coin with your 2023 *National Contest Journal* subscription — new and renewing subscribers. A great memento for any contester or ARRL collector. [Subscribe Now](#)

On the Air Podcast



Foxhunting is a radio direction-finding activity that you can enjoy with a radio club or group, or even with just one other friend — and they don't even have to be a ham! In this month's episode, "Foxhunting Basics: Tracking a Transmitter," Rob Zielfelder, N1NUG, explains how to get started with a couple of handheld radios and a directional antenna that you can make from inexpensive hardware store materials. [Listen Now](#)

New in the ARRL Store



[The ARRL Antenna Book](#) new 25th edition is the ultimate reference for antennas, transmission lines, and propagation. Hardbound in black finish with silver foil embossing, this limited-edition is the perfect companion to the commemorative hardcover collector's edition of [Handbook 100](#). Available for order mid-October! [Reserve](#) your copy today.

ARRL Online Auction



The 2023 ARRL Online Auction (sponsored by RT Systems) takes place October 13 - 19 and will feature unique vintage items, new gear, Product Review items, mystery junk boxes and more! Proceeds from the Online Auction benefit ARRL education, licensing, and training programs. Pre-registration begins October 10.

Intrepid-DX Group Youth Essay Contest

The Intrepid-DX Group recognizes the importance of including Youth in our great hobby because they are our future! We are continuing with our annual "Dream Rig" Youth Essay Contest to gather the views and ideas of young people involved in Amateur Radio.

What are the Prizes?

The First-Place prize is an ICOM IC-7300!

The Second-place prize is an ICOM ID5100AD dual band mobile radio with D-Star.

The Third-place prize is an ICOM ID52A dual band handy talkie with D-Star.

Contest Rules:

- 1) Two-page Essay answering this question: What attracted you to amateur radio?
- 2) Contestants must be USA or Canadian Amateur Radio License Holders Aged 19 or younger. All contestants must be in the US, including US territories or Canada.
- 3) Promise to keep the radio for one year, not flip it, trade it or sell it, and to use it on the air.
- 4) Send an essay in plain text, PDF or MS Word attachment to intrepiddxgroup@gmail.com by **November 30th**, 2023.
- 5) You may alternatively mail it to: The Intrepid-DX Group, 3052 Wetmore Dr, San Jose, CA 95148, USA. Must be postmarked by **November 30**, 2022.
- 6) Those that have previously submitted an essay may compete in this year's essay contest as long as all other criteria are met.
- 7) The winner of the Essay Contest will be announced on our Website and Facebook page on **December 15th**, 2023. Winner must agree to provide a photo with their prize. All submissions become the property of the Intrepid-DX Group and the winners authorize the Intrepid-DX Group to use their photographs to promote the contest.

Questions: Send an email to intrepiddxgroup@gmail.com

You can follow our contest and receive updates via our Facebook page.

Good luck to everyone!

Dave WD5COV

Vice President, The Intrepid-DX Group

Club Corner

This is YOUR corner of the newsletter. Send us what your club is doing, and we'll make sure that it gets in. Got a special event or club project that you want everyone to know about? Send it to us!. Need help with a project? Send it to us.

Let us know what you club is up to. Are you going to have a special guest at your meeting or are you having a special anniversary?

Send it to: webmaster@arrl-ohio.org



Report from Findlay Radio Club

We had a successful Findlay Hamfest a couple of weeks back, and have pretty much recovered from it!

We sponsor an exam session the second Saturday of every month at 9AM at the clubhouse (1333 W. Sandusky St. in Findlay), and we have recently started a session on the 4th Thursday evening at 7PM at the Club. It has proved to be quite successful. We are also equipped to do on-line sessions on request for anyone who can't make the in-person sessions.

Meetings are the 1st and 3rd Thursdays of the month - everyone is welcome to attend.

The antenna farm is slowly being brought back on-line, and we are planning to participate in a couple of upcoming events. The first being the SET on Oct 8. We will activate W8FT and use VARA to originate several pieces of traffic. The second is the JOTA the weekend of Oct 20-22. We will set up at the local Scout Camp on Saturday, and use the Club facility on Sunday. It should be a busy weekend!

73 - Bill - N8ET

VE Sessions

The following information is for ALL exam sessions:

It is now an FCC requirement to have an FCC FRN; active email address and active phone number before taking any exam. Please bring your FCC FRN, original license, a copy of your license (if a licensed ham), a valid photo ID and \$15.00 - Cash preferred.

Effective April 19, 2022, the FCC will charge a \$35.00 application fee for amateur radio licenses. The fee will apply to new, renewal, rule waiver, and modification applications that request a new vanity call sign. License upgrades will not have a fee applied. The fee will be per application. *VE's will not collect the fees at exam sessions.*

If you are applying for your first license, please go to <http://apps.fcc.gov/cores/userlogin.do> and obtain an FRN. This website is self-explanatory and the FRN registration is free.

All Things Amateur Radio Association (ATARA)

We host testing sessions every second Tuesday of the month in Lancaster. To sign up please visit our website <https://atara-w8atr.fun> and contact us at hamexams@atara-w8atr.fun.

Butler County Amateur Radio Association W8WRK

Laurel VE Testing Session - hosted by DIAL amateur radio club
Amateur Radio License Examinations at 9:00AM on Sunday April 29th at Fairfield Township Administration Building 6032 Morris Rd. Hamilton, OH 45011. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Thurl Golden, KD8VLU (513) 939-4891 tgolden@fuse.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com. There are no Exam Fees!

CARS

VE testing from CARS - Cuyahoga Amateur Radio Society - at Elmwood Recreation Center, 6200 Wisnieski Parkway in Independence, Ohio 44131 Time: 9:15 AM (Walk-ins allowed)
Always the 2nd Sunday of the odd month. Go to CARS www.2cars.org for detailed map of location. Call Metro W8MET 216-520-1320 for details

Clark County Amateur Radio Association (CLARA)

What: CLARA sponsored A.R.R.L. VE Testing - Walk-ins allowed. Pre-Register via email preferred.

When: On every second Saturday of each even numbered month starting at 10:00 AM Feb 11th; Apr 8th; Jun 10th; Aug 12th; Oct 14th; and Dec 9th, 2023. Where: Springview Government Center - Emergency Operations Center; 3130 E Main St; Springfield OH 45503 This is US-40 aka "old national road". From Route 40 enter Old Columbus Road, at the fork stay left driving straight onto Ogden Rd, then immediately turn left into the parking lot behind the EMA. Walk to the door with the "Employees Only" sign.

For more info contact Roland Ude, W8BUZ, (937) 605-4951 Email buzz@baylorhill.com

Central Ohio Radio Club (CORC)

VE TESTING PRE-REGISTRATION ONLY

Date: Saturday October 21, 2023

Time: 10:00 AM (Registration Opens 10-1-2023)

Location: Westerville Fire Dept Station 111

Training Room

400 W. Main St

Westerville OH 43081-1436

Go to: www.ae8fp.net for complete registration information

Dayton Amateur Radio Association (DARA)

If you are interested in testing for a new or upgraded license, please come see us at the DARA Clubhouse. If you have questions about testing, please email exams.w8bi@gmail.com

Dial Radio Club, Middleton, OH

Will offer Amateur Radio License Examinations at 6:00PM on Wednesday March 1st at St. John XXIII Elementary School, 3806 Manchester Rd., Middletown, OH 45042. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Dave Williamson, KD8W, (513) 424-5819 or kd8w@ARRL.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com . There are no Exam Fees!

Geauga Amateur Radio Association (GARA)

Amateur License exam sessions are offered for all license classes (Technician, General, Extra). Walk-ins are always welcome - no prior registration is required. No fee for the exam.

The GARA schedule of exams are these Sundays at 2pm. Dates for 2023 are January 15th, March 19th, May 21st, July 9th, September 10th, and November 12th.

Exams are held at the Geauga County Department of Emergency Services and Emergency Operations Center, 12518 Merritt Road, Chardon, Ohio 44024. The EOC is located just south of the University Geauga Hospital and just east of the Geauga County Safety Center (Sheriff's Office), off of State Route 44 between State Route 322 and State Route 87 on Merritt Road.



Please arrive a few minutes before 14:00 to allow adequate time to process the necessary paper work and take your test. Bring your 1) photo ID, 2) email address, 3) FCC FRN, 4) a printout of your current license if taking the General or Extra exam.

Additional info may be obtained from Jim Mekeel, KE8EMP, email KE8EMP@gmail.com or the Geauga Amateur Radio Association website <https://geaugaara.org>

Huber Heights Amateur Radio Club

Huber heights amateur radio club does ARRL VE testing the second Saturday of each even numbered month. Feb, Apr, Jun, Aug, Oct, Dec. 9:30-11:00 For more information contact Jim Storms – AB8YK at ab8yk@hotmail.com

The Lake County Amateur Radio Association

The Lake County Amateur Radio Association is holding its **2023** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 4	Saturday, August 5
Saturday, April 1	Saturday, October 7
Saturday, June 3	Saturday, December 2

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They are held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station.

The tests will start at **12 noon**. Please arrive a few minutes earlier.

To register, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling “NCVEC quick-form 605” and clicking on the url for a pdf of the form. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don’t have a FRN, Google “New FRN” and follow the fcc.gov link.

If you are currently licensed, be sure to **bring a copy of your license to the exam**. The cost of the exam itself is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver’s license. If you have any questions, please contact Scott Farnham, KO8O, at (440) 256-0320, or scottfarnham@roadrunner.com

In addition to the \$15 test fee, the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

The Lancaster and Fairfield County Amateur Radio Club (LFCARC)

hosts exam sessions at the FAIRFIELD County EMA, 240 Baldwin Dr in Lancaster Ohio, 43130, on the first Saturday each month at 10:00 am. Please visit our website at <http://www.k8qik.org> for exam dates on our calendar and navigate to our Learning Center/Taking the Exam link for information and requirements. Our experienced VE team looks

forward to serving the Amateur Radio community in Central Ohio. Contact me at ve_testing@k8qik.org to register.

Lisbon Area Amateur Radio Association

Beginning Feb 11, 2023 Testing on the 2nd Saturday of each month at the Columbiana County EMA located at 215 S Market St. Lisbon, OH 44432. Walk-ins OK. Check in at 1:00PM. For more information go to www.K8GQB.com or contact NN8B at nn8b.oh@gmail.com

Madison County

The Laurel testing group will offer testing on the first Thursday of January, March, May, July, September and November. Tests are held at 7:00PM at the Madison County EMA located at 271 Elm St. London, OH. No fee.

The Milford Amateur Radio Club (MARC)

VE testing is held the third Thursday of each month at 6:00 PM. Location; Miami Township Civic Center located at 6101 Meijer Drive, Milford, OH 45150.

Please pre-register at www.milfordhamradio.org

Northern Ohio Amateur Radio Society (NOARS)

VE sessions are held the first Saturday of odd-numbered months (EXCEPT FOR March and July) at 10 AM in the North Olmsted Library, 27403 Lorain Rd., North Olmsted. Registration is preferred, but walk-ins are welcome. For more information or to register, contact Elaine, KC8FOS at ewilkinson1951@gmail.com. There will be a VE session held March 12th at the NOARS Winterfest held at Lorain County Community College in the John A Spitzer Conference Center, 1005 Abbe Rd N, Elyria, OH 44035. Please email Elaine – KC8FOS at ewilkinson1951@gmail.com to register.

Portage County Amateur Radio Service (PCARS)

The first Saturday of every even numbered month -10 am – at the PCARS club site in Ravenna. Please visit the PCARS web site and check out the information about VE testing in the latest newsletter at www.portcars.org .

If you have any questions, don't hesitate to contact me at KB8UUZ@gmail.com

Tusco Amateur Radio Club W8ZX

VE Testing sessions are held on the second Saturday of every even numbered month at the Dover Faith Church, 420 N Wooster Ave, Dover, OH 44622. Pre-registration is not necessary. Doors open at 0830 for registration, exams begin at 0900. Cost is \$15. You are required to have an email address and a copy of your FRN or current ham radio license. For more information please go to www.w8zx.net/exam or email VETEAM@N8BAG.NET.

West Chester Amateur Radio Association (WC8VOA) Exam sessions are held one Saturday each month at 10:00 AM-Noon at the VOA Bethany Relay Museum located at 8070 Tylersville

Rd, West Chester, Ohio 45069. For more information and links to register, please see our website: <https://wc8voa.org/licensing/>

SOARA Goes International for Special Event, Let's Talk Ham Radio

Great Armstrong Cable TV 24/7 community channel coverage. Reaching over 1,000 Tri-State area households. The YouTube is a plus from the producer.

Michael Boster, Lawrence County EMA Director did an outstanding interview for our special event. The coverage promoting Ham Radio and our outreach for new members was fantastic.

[youtube.com](https://www.youtube.com)

Attachments area

Preview YouTube video Let's Talk...Ham Radio!



(I'll have some commentary in an upcoming issue of PostScript on this. My hearty congratulations to all the members of SOARA for the outstanding job they did promoting this event. I'll report back after its over on all they did to promote the event and how the actual event went for them – stay tuned! de WB8LCD)

Amateur Radio Class Now Forming

October 21, 2023 and November 4, 2023



The Toledo Mobile Radio Assn. (TMRA) will be holding a 2 day course where you will learn everything you need to earn your entry level FCC Amateur Radio license and begin to talk on the radio with other hams in the area. Morse code is no longer required for any Amateur license.

Toledo Mobile Radio Assn. does not charge for the class. Books are \$30.00

Class Dates: October 21st & November 4th 2023 (8:00 am to 5:00 pm)

Where: Lucas County EMS Training Center 2127 Jefferson St Toledo OH 43624

CONTACT: Steve Stalker Phone: 419-467-3734. E-mail: kc8tvw@arrl.net

Important Links

ARRL Home: www.arrl.org

Find an ARRL Affiliated Club: www.arrl.org/clubs

Find your ARRL Section: www.arrl.org/sections

Find a License Class in your area: www.arrl.org/class

Find a License Exam in your area: www.arrl.org/exam

Find a Hamfest or Convention: www.arrl.org/hamfests

Email ARRL Clubs: clubs@arrl.org

The Ohio Section Youth Net



Youth Net

When: The second Sunday of every month at 7:30 PM EST

Where: The K8IV repeater located in Kent, Ohio (Echolink node K8BF-L) RF: 146.895 Mhz with PL 118.8

Who: Any licensed amateur radio operator who wishes to participate. Priority will be given to youth stations and those located in Ohio.

The purpose of this net is to encourage youth activity in amateur radio and to help new hams get more comfortable on the air.

*****Next Net is Sunday October 8th *****

The fall season at DARA University is nearly upon us. Here are the classes for the Fall 2023 learning season:

- Technician – 23 Sep, 30 Sep, 7 Oct, and 14 Oct
- General – 21 Oct, 28 Oct, 4 Nov, and 11 Nov
- Extra – 18 Nov, 25 Nov, 2 Dec, and 9 Dec
- Tech and General Test session 15 Nov 1900 local at the DARA Clubhouse
- Extra Test session TBA

All classes are from 0900 to 1300 local and are conducted at the DARA Clubhouse. For more information see <https://w8bi.org/education/classes/> For the full content of the Technician learning materials (not including the manual) see <https://w8bi.org/education/classes/tech-class-details/> Limited quantities of license manuals are available from your instructor for \$30.00. Please feel free to share and repost this information on social media and pass it along to prospective Technician candidates!
73 and see you in class.
de N8NMG – John – Dayton, Ohio
As always, please feel free to contact me if you have any questions or care to discuss this subject.

Swains update to our sponsors

We are forwarding this update of the upcoming W8S Swains DXpedition (currently #28 on ClubLog's Most Wanted list) to our INDEXA membership. Good luck to everyone who will be in the chase

Hello,

Just a few days to go and most of the team members will start to travel to American Samoa. Wednesday September 27, the team members will meet in Hawaii and the day after we fly to American Samoa. We will stay a few days on Pago Pago and next we board the ship for the last part of our trip, the final destination; Swains Island.

During our stay on Pago Pago we still have to arrange a lot of things, like arranging the return transportation of our equipment, final configuration and testing of the laptops and radio's, buying some aluminum masts and personal stuff. If we have some time left, we might operate a few hours KH8/.

Today our 6 boxes with materials and equipment that were transferred from the Netherlands 3 weeks ago, have arrived in Pago Pago. They have to be cleared by customs and then they will be brought to Alex Jennings, our partner for this DXpedition. As planned we will arrive October 4th on Swains Island.

If everything works fine we will have live video streaming from Swains. But our main focus is making QSO's and give many of you a new DXCC or at least some band points.

Logs will be uploaded daily to our QSL manager M0OXO, who will also update Clublog.

The link to our live video stream channel will be announced later on our website, Twitter and Facebook.

Looking forward to get you in the W8S log.

73

The Swains2023 Team

Become An Amateur Radio Operator



Cuyahoga Falls Amateur Radio Club

[tiny.cc/
beaham](https://tiny.cc/beaham)



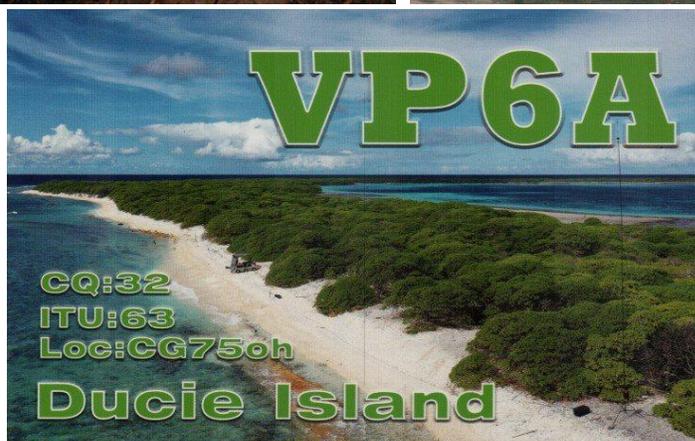
DX This Week – 160M Rescue

Bill - AJ8B

(thedxmentor@gmail.com, @AJ8B, or www.aj8b.com)

Welcome to another week as we hurdle towards the end of 2023! I did receive some QSL cards this week including 9U4WX from the Dxpediton to Burundi, GR0YCE – a commemorative QSL card to celebrate the coronation of King Charles III, and VP6A – The Rig in a box Dxpediton to Ducie Island. What have you received lately?





I received an email from Teresa, KA9IFQ asking about the WAZ, or the Worked All Zones award. Well Teresa, here is some info on this prestigious award.

In November of 1934, the staff of R/9 magazine in southern California announced the creation of DX Zones of the World. They divided the globe up in to 40 different zones based on geography. R/9 evolved over time in to CQ magazine. That has led to the current day “chase” of contest points in the various CQWW contests. Here are some details from the CQWW web page. The WAZ is not an annual contest but a continual contest where you are taking whatever time is needed to confirm each of the 40 zones.

The CQ Worked All Zones Award (WAZ) and its variations are issued to any licensed Radio Amateur Station presenting proof of contact with all 40 CQ Zones.

This proof consists of proper QSL cards; which in many cases may be checked by any of the authorized check points or sent directly to the WAZ Award Manager. LoTW can also be used to apply for the WAZ.

While the WAZ program involves the use of "DX Entities," it does not rely on any particular "Entity's" status as a country. The WAZ award is geographically focused, which is where its challenge lies.

Teresa, that was a great question and I hope that I answered it to your satisfaction.

If anyone has a question or a comment, just send an email to TheDXMentor@gmail.com.

My "feature" this week is from the K9YA Telegraph and it is reprinted here with the permission of K9YA. This is a TRUE story that I think you will really enjoy!

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Top Band to the Rescue

How an Enterprising Young Radio "Ham" Escapes His Kidnappers

By T. Turner, K8VBL

Reprinted with permission of the *K9YA Telegraph*. Subscribe for free at: <http://www.k9ya.org>

When Jerry was in his senior year in high school, he had an after-school job at Neilsen's Radio & Appliance. His boss, Mr. Neilsen, was an amateur radio operator who coached several boys, including Jerry, to help them obtain their Class A amateur radio licenses. The group of young people, including Mr. Neilsen, held a roundtable in Morse code on the 160-meter amateur radio band at eight o'clock on Friday evenings. Some of the fellows had rather simple equipment, like Doerle-type regenerative receivers and '01A Hartley oscillator transmitters powered by old "B" eliminators.

One Friday evening Jerry worked late at Neilsen's and walked along a darkened street to a bus stop. A green Hupmobile sedan slowly passed him, and its mechanical brakes squealed as it slowed for a turn. Jerry thought, "The linings are probably worn to the rivets" he recalled from a motorcar safety program two police officers presented to the high schoolers. But his mind then turned to the thought of a warm supper at home, and the Friday evening roundtable.

Suddenly, the Hup's brakes squealed behind him. When he turned, he saw three masked men, two holding handguns, emerge from the car. A man popped a black bag over his head and put handcuffs on his wrists. The men then shoved him into the back seat and the car pulled back into the street. Jerry was stunned and afraid, as he remembered when the Lindbergh baby was kidnapped a few years back.

The car made numerous turns and then stopped after what seemed like a considerable distance. Jerry, with a man on each side, was taken into a building where he heard people

talking in some Asian accent. There was a smell of food cooking, but Jerry was too frightened to think about eating as he was led up three narrow, creaking, flights of stairs. A door was unlocked and opened, and he was shoved through it.

The black bag was lifted from his head, and one of the men took his wallet, pen and pencil set, wristwatch, and Boy Scout pocket knife, while the other two stood by with handguns. The men still wore masks. Jerry blinked at the single bright bulb above his head and stammered, "What's going on?" The man who frisked him replied, "Yer old man is a wealthy fat cat. We're gonna hold yous for a leetle ransom. If there be any monkey business, yel'l be punished... Understand?" "There's three of us, an' two will be right outside the door at all times. We'll be checking on ya periodically. There's stuff to read and a radio, but keep it low." The men removed the handcuffs and left the room. Jerry heard the lock click.

Jerry took stock of his situation. The shabby room had one light bulb that dangled from the ceiling, with a Y-tap and extension cord that led to a small cathedral radio he recognized as a Philco 80. On the table was a stack of dog-eared *Reader's Digests*. The room had one window with small, steel-framed panes that looked out on to an air shaft. Light from windows several floors below dimly illuminated the shaft. Jerry noticed a corroded window lead-in strip for a radio aerial under the sash and a lead-in wire that went up the air shaft, probably to an aerial on the roof. Off to one side of the room was a "bathroom" that had its door removed. Inside were a grimy high tank toilet and a tiny sink with one tap. Jerry thought this was probably a typical cold water flat. But where is he? The car had taken so many turns and driven such a distance he had lost track.

Just then, the door opened slightly and a box was pushed into the room. There was no lettering on the box, but it contained food, a bowl of chop suey. It had the same smell he noticed in the stairwell. The chop suey was good, but not like the corned beef and cabbage his mother had planned for supper. Also in the box was a fortune cookie. Jerry cracked it open and read his fortune, "You will soon be liberated." On the other side of the fortune slip was "Hop-Sing Deli, 910 Seventh Street." Jerry now knew he was in a third floor flat above a Chinese deli on 7th street!

Jerry snapped on the little Philco. He was familiar with the Model 80, since he worked on several at Mr. Neilsen's shop where he replaced the troublesome Bakelite-cased condensers. The Philco's aerial wire had been disconnected from the lead-in strip and was laying on the floor. He thought that perhaps the wire was grounded or had come down. In a few seconds, the Philco came to life and Jerry turned the dial. The typical apartment house electrical noise was present, but the radio seemed to pick up numerous stations. After he connected the Philco's aerial wire to the lead-in strip, the volume increased and the sound became distorted. Obviously, the outside aerial was a good one, and had been erected for an old, less sensitive, TRF radio. It was probably disconnected from the Philco superhet because of overloading.

The station he tuned in announced the time as 7 p.m. The 160-meter net would be on in an hour. Jerry considered he could possibly build a transmitter from parts in the Philco, and send a distress message. The Philco had a transformer power supply that put out 200 volts, and a 42 output tube that would make a dandy Hartley oscillator. He remembered from reading the *Radio Amateur's Handbook* that the resonant frequency of a tuned circuit was inversely proportional to the number of turns in its coil. If he set the Philco's tuning condenser to 900 kc and removed half the turns from the antenna coil, it would resonate in a Hartley circuit at 1800

kc in the 160-meter band when it was connected to the aerial... Maybe! But if the kidnapers caught him disassembling the radio, he would surely be punished as promised.

Then a better plan crossed Jerry's mind. He remembered Mr. Neilsen's disgust with the interference caused by oscillator harmonics from these cheap superhet broadcast sets. Jerry knew the Philco 80's intermediate frequency was 450 kc, so if he tuned the radio to 1350 kc, its oscillator would be at the 160-meter net frequency of 1800 kc. He could then use the radio as a transmitter without modification! He broke off a small piece of aerial wire and connected the remaining length of wire to the lead-in strip and the cathode pin of the Philco's converter tube. He used the small piece of wire as a telegraph key to short the tuning condenser oscillator stator plates to ground to stop and start the oscillator signal.

The idea appeared to be working. Police radio bands were next to the 160-meter amateur band at both ends. If his signal was out of band, high or low, this could be a good thing. When the station announced 8 p.m., Jerry tuned the Philco to WADC in Akron at 1350 kc and began to transmit in Morse code by alternately grounding the oscillator tuning condenser. SOS SOS I AM KIDNAPPED ES IN 3 FLOOR FLAT ABOVE HOP SING ON 7 ST JERRY. He continued transmitting the message over and over for about 30 minutes until he heard a key click in the door lock. He quickly took his hand out of the back of the radio and turned facing out. Two masked kidnapers peered in to check on him, and then locked the door.

About 10 p.m., Jerry awoke from a fitful sleep to the sound of scuffling in the hallway. There was a gunshot, and then a loud voice, "Police, Are you in there Jerry?" When Jerry answered, the doorframe splintered and two burly policemen burst into the flat. Jerry recognized the officers as Sgt. O'Rourke and his partner Skalski, who had presented a safety program. Tears began to flow, and the kindly old Sgt. O'Rourke put his hand on Jerry's shoulder. "You're a very brave and resourceful young man. Are you okay?" After Jerry affirmed he was, he was led to a waiting police car.

As they drove, O'Rourke explained that one perp had pulled a gun and was shot dead, and another was taken into custody. "Were there others?" Jerry replied there were three men, two of whom displayed handguns, and the third may have escaped in a green Hupmobile with squeaky brakes. Officer O'Rourke then grabbed the police radio mike and announced "Unit 5 to Kop - Be on the lookout for armed kidnapping suspect in green Hup with squeaky brakes." A few minutes later, a call came in over the radio "Apprehended suspect in green Hup—Ransom note found on front seat."

Officer Skalski then explained the workings of the police radio system. The cruisers called the station on a 9-meter wavelength via a small 7-foot aerial on the rear of the car. The station called the cruisers on a 180-meter wave that could be received on the car's regular broadcast set that had been retuned by police radiomen. Sgt. O'Rourke remarked that the new 85-horsepower Ford V8 cruisers were about the fastest cars on the road, especially since they had been "hopped up" a bit with dual exhausts and Stromberg carburetors.

When the police cruiser arrived at Jerry's home, he noticed Mr. Neilsen's new Auburn coupe parked in front. As he got out of the cruiser, Jerry's parents and Mr. and Mrs. Neilsen and their daughter, Ingrid, came running out the front door and embraced him. Mr. Neilsen explained that Jerry's wavery-sounding distress signal was picked up by the amateur radio net, and he had telephoned the police.

Jerry's parents called Mr. Neilsen when he had not come home to supper, to determine if he was still working. When they heard he had left the shop, they called the police to report

him missing. Sgt. O'Rourke remarked that the police received a long-distance phone call from a "ham" in Ashtabula who picked up Jerry's distress message. After thanking the two officers, the two families, much relieved, enjoyed a late-night supper of corned beef and cabbage.

Thanks to retired police officer Harry, N9CQX, for info on early police radio.

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Here is an update from Bernie, W3UR, of the DailyDX and the WeeklyDX, the best source for DX information. <http://www.dailydx.com/> . Bernie has this to report:

On September 11th, Yuris, YL2GM, began his journey to **Tristan da Cunha** to activate ZD9W. He flew with 63 kilograms of equipment and antennas from Riga, Latvia to Frankfurt, Germany, and then on to Cape Town, South Africa. In Cape Town, he picked up another 30 kilograms of equipment, primarily antennas. He left aboard the Lance research vessel on September 15th on a seven- to nine-day voyage to Tristan. The DXpedition proper will be from September 24th to October 22nd. Yuris still needs financial support; visit his website to donate.

If you follow the DX Mentor podcast, you heard all of the details about the International DX Association, or INDEXA. Here is an update from INDEXA.

We are pleased to announce that INDEXA is supporting the upcoming XW4DX DXpedition to **Laos** November 16th -27th , 2023. This 5 member French team has solid experience doing DXpeditions. We invite you to visit their web page at <https://xw4dx.f4bkv.net> Please look at their operation plan to see the frequencies that they will be active on. We wish the XW4DX team a safe and successful DXpedition!

This was from INDEXA President Bob Schenck, N2OO

Raphi, SV7/HB9BJX, is on vacation with family in Kavala Nea Peramos **Greece** for two weeks starting September 29th . He will be on the air with five watts from his Yaesu FT-817ND to a "Super Antennas MP1."

Callsign TY5C has been assigned to F5NVF for an operation slated for March, 2024 for a month on the air from **Benin**. The ops are F5NVF, M0NPT (7X2TT) and F5RAV. They plan on being on CW, SSB, FT8, QO100 and other satellites as well. They will work on getting a local station, TY0HQ, going and help get resident ops on the air.

Dave, AB0GC, is back in **Ghana** and QRV again as 9G1SD. Between thunderstorms yesterday he tried his FT-891 and found it to be "a little tricky to tune," with his MFJ tuner to an inverted L. He thinks it's OK and he made his first three QSOs of the year, with Canada, Spain and England. This was on 12M SSB. When he can, he'll try 6M to 15M, first SSB, then maybe FT8

and FT4 after some time on SSB. He notes that from September through October there are typically thunderstorms almost every day, and he tries to get to sleep by 2200Z.

Gunter, V51WH, aka DK2WH, (V55Y in contests) will be back in **Namibia** on November 16th, "probably until the end of April, 2024." His station is an IC-7300 to ACOM 1010 amplifier, running 700 watts, His antennas will be a spiderbeam, vertical for 60 and 30, and a dipole for 160 and 80. He will be on 160-10M using SSB, CW and FT8. QSL via DK2WH. He will answer QSL requests when he's back in Germany.

The upcoming TJ9MD November DXpedition to **Cameroon** is requesting support. This operation is by the Mediterraneo DX Club. It has been a challenge getting the permits to take in the radios and also the licensing. They note "Who endures wins."

On September 1st, the needed paperwork reached IZ8CCW. Joining him are thirteen other operators who are thrilled and eager to be back on the air from Africa, November 2nd -15th. The QTH, Kribi, is on the Atlantic coast. They plan "at least four stations," around the clock, CW, SSB, RTTY and FT8, 160-6, focusing on the low bands and the WARC bands. Learning from the J28MD experience, they plan EME on 2M. They made 90,000 QSOs from J28MD last year. Check out their webpage at <https://www.mdxc.support/tj9md/>

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CONTEST CORNER

Below is a list of upcoming contests in the "Contest Corner". I think this is important for someone who is trying to move up the DXCC ladder since entities that are on the rarer side and easiest to work in contests. Some of my best "catches" have been on the Sunday afternoon of a contest when the rarer entities are begging for QSOs. Of course, the gamble is that if you wait until Sunday, conditions may change, or they simply won't be workable. However, it is not a bad gamble. Of course, why not work the contest and have some fun!

Check out the WA7BNM Contest Calendar page <https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details. I also have a comprehensive list that can be imported to your calendar at www.aj8b.com/files .

Oceania DX Contest, Phone - The historic Oceania DX ("OCDX") Contest is one of the longest-running contests in the amateur radio calendar. It is an annual competition between radio amateurs to make contacts on the HF (shortwave) bands, specifically DX (long distance) contacts with stations in Oceania.

From the mid-1930s until the end of the millennium, the contest was known variously as the “VK DX Contest” and “VK/ZL Contest”. It was renamed the “Oceania DX Contest” in 2000 in recognition of increased participation from the entire Oceania region.

Aside from VK, ZL, YB and KH6 hams, contestants from many of the rarer Pacific islands get on the air for the contest, making this an excellent opportunity for DXing. Some intrepid contesters plan trips to the islands to coincide with OCDX because they know DXers will be beaming this way. Oceania DX Contest, Phone Oct 7 to Oct 8 The exchange is Signal Report plus Serial Number.

RSGB 80m Autumn Series, CW - A series of short evening contests on 3.5MHz, promoting competition between Affiliated Societies. Individual scores in every event count towards a Society's overall score.

The goal is to accumulate a good score for your club/team by entering as many contests in the series as possible, on all four modes if possible. This series is designed both to encourage newcomers and also to be challenging for those more familiar with contesting.

<https://www.rsgbcc.org/hf/rules/2023/rautumn.shtml>

The contests in **red** are those that I plan to spend some significant participation time on. PLEASE let me know if you are working contests and how you fared.

Below is a list of upcoming contests:

Date(s)	Event	Info
All Year	CQ DX Marathon	http://bit.ly/3FyPiui
Oct. 2	RSGB Autumn Series CW	bit.ly/3TxCrxl
Oct. 3	German Telegraphy Contest	https://www.agcw.de/contest/dtc/
Oct. 4	432 MHz Fall Sprint	http://svhfs.org/wp/
Oct. 4	UKEICC 80m Contest SSB	https://ukeicc.com/80m-rules.php
Oct.4	VHF-UHF FT8 Activity	http://www.ft8activity.eu/index.php/en/
Oct. 5	SARL 80m QSO Party	http://bit.ly/H0IqQf
Oct.7	Collegiate QSO Party	https://collegiateqsoparty.com/
Oct. 7	Microwave Fall Sprint	http://svhfs.org/wp/
Oct. 7-8	California QSO Party	http://www.cqp.org/Rules.html
Oct. 7-8	Oceania Phone DX Contest	http://www.oceaniadxcontest.com/
Oct. 7-8	SKCC QSO Party	http://bit.ly/2Xl2vyx
Oct. 7-8	TRC DX Contest	https://trcdx.org/rules-trc-dx/
Oct. 8	UBA ON 80M CW Contest	https://www.uba.be/en/hf/contest-rules/contest
Oct. 10	10-10 Intl. 10-10 Day Sprint	http://bit.ly/1FrFeBc
Oct. 11	RSGB Autumn Series Data	bit.ly/3TxCrxl

Oct. 11	VHF-UHF FT8 Activity	http://www.ft8activity.eu/index.php/en/
Oct. 14	Solar Eclipse QSO Party	https://hamsci.org/seqp-rules
Oct. 14	QRP ARCI Fall QSO Party	http://www.qrparci.org/contests
Oct. 14-15	Arizona QSO Party	https://www.azqp.org/
Oct. 14-15	Makrothen RTTY Contest	http://bit.ly/2uZd6oF
Oct. 14-15	Nevada QSO Party	http://nvqso.com/contest-rules/
Oct. 14-15	Oceania CW DX Contest	http://www.oceaniadxcontest.com/
Oct. 14-15	Pennsylvania QSO Party	http://paqso.org/
Oct. 14-15	PODSX 070 Club 160M Great Pumpkin Sprint	http://bit.ly/2RUkcE6
Oct. 14-15	Scandinavian SSB Activity Contest	https://www.sactest.net/blog/rules/
Oct. 14-15	Veron SLP Contest	http://bit.ly/2L9eT1L
Oct. 15	Asia-Pacific CW Sprint	http://jsfc.org/apsprint/
Oct. 15	UBA ON 2M Phone/CW Contest	https://www.uba.be/en/hf/contest-rules/contest
Oct. 16	RSGB FT4 Contest Series	bit.ly/3TxCrxl
Oct. 16-20	ARRL School Club Roundup	http://bit.ly/MaLmBs
Oct. 18	AGCW Semi-Automatic Key Evening	https://www.agcw.de/contest/sta/
Oct. 18	VHF-UHF FT8 Activity	http://www.ft8activity.eu/index.php/en/
Oct. 20-21	Telephone Pioneers QSO Party	http://tpqso.tparca.org/
Oct. 21	Argentina National 7 MHz Contest	https://www.lu4aa.org/wp/concurso-nacional-40m/
Oct. 21	Feld Hell Spooky Sprint	https://bit.ly/3g8gpxD
Oct. 21-22	10-10 Intl. Fall CW Contest	http://bit.ly/1FrFeBc
Oct. 21-22	JARTS WW RTTY Contest	http://jarts.jp/rules2022.html
Oct. 21-22	New York QSO Party	http://www.nyqp.org
Oct. 21-22	Stew Perry Topband Distance Challenge	https://www.kkn.net/stew/stew_rules.html
Oct. 21-22	Worked All Germany Contest	http://bit.ly/2uDQRSV
Oct. 21-22	YBDXPI FT8 Contest	https://contest.ybdxpi.net/rules/
Oct. 21-23	YLRL DX/NA YL Anniversary Contest	https://ylrl.net/contests/
Oct. 22-23	Illinois QSO Party	https://w9awe.org/ilqp/
Oct. 22-25	Fall Classic Exchange Phone	https://www.classicexchange.org/
Oct. 25	UKEICC 80m Contest CW	https://ukeicc.com/80m-rules.php
Oct. 26	RSGB Autumn Series SSB	bit.ly/3TxCrxl
Oct. 27	Zombie Shuffle	http://www.zianet.com/qrp/ZOMBIE/pg.htm
Oct. 28-29	ARRL EME Contest	http://www.arrl.org/eme-contest
Oct. 28-29	Veron SLP Contest	http://bit.ly/2L9eT1L
Oct. 28-29	CQ WW DX SSB Contest	http://www.cqww.com/index.htm
Oct. 29-Nov. 1	Fall Classic Exchange CW	https://www.classicexchange.org/Nov. 25-26
Nov. 25-26	CQ WW DX CW Contest	http://www.cqww.com/index.htm

ARLD039 DX news

This week's bulletin was made possible with information provided by The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

MONACO, 3A. During October all Monaco amateur radio operators are allowed to use the special call sign 3A70ARM to commemorate the 70th anniversary of the creation of the Association des Radioamateurs de Monaco. Activity may be on 80 meters to 10 GHz using all modes. QSL via operators' instructions.

RODRIGUES ISLAND, 3B9. Andreas, DK6AS is QRV as 3B9/DK6AS. Activity is generally on 10 meters using CW. His length of stay is unknown. QSL to home call.

TIMOR-LESTE, 4W. Satoshi, JH2EUV is QRV as 4W/JH2EUV from Dili until October 13. Activity is in his spare time on 80 to 6 meters. QSL to home call.

SAMOA, 5W. Livo, 9A7Y, Mladen, 9A2NA, Borut, S50B and Rolando, 9A3MR will be QRV as 5W0LM from October 1 to 14. Activity will be on 160 to 6 meters using CW, SSB, and some FT8. QSL via 9A3MR.

UGANDA, 5X. Members of the Czech DXpedition Team are QRV as 5X3K until October 27. Activity is on 160 to 10 meters using CW, SSB, RTTY, and FT8. QSL via OK6DJ.

SENEGAL, 6W. Elvira, IV3FSG is QRV as 6W/IV3FSG until October 16. QSL via IK2DUW.

GHANA, 9G. David, AB0GC is QRV as 9G1SD. He is active in his spare time mostly on 12 meters using SSB. QSL to home call.

FRENCH POLYNESIA, FO. Manfred, DK1BT, Wolf, DL4WK, Annette, DL6SAK, Tom, DL7BO and Frank, DL7UFR will be QRV as TX6D from Tahiti, IOTA OC-046, from October 2 to 15. Activity will be on 160 to 10 meters, including 60 meters, with 5 stations using CW, SSB, and various digital modes. QSL via DL7DF.

ST. VINCENT, J8. Brian, GW4DVB will be QRV as J88PI from Palm Island, IOTA NA-025, from October 2 to 10. Activity will be on 40 to 6 meters using SSB, SSTV, and FT8. QSL direct to home call.

SWAINS ISLAND, KH8. A group of operators will be QRV as W8S from October 4 to

17. Activity will be on 160 to 6 meters using CW, SSB, RTTY, and FT8. QSL via LoTW.

TUVALU, T2. A group of operators are QRV as T22T from Funafuti, IOTA OC-015, until October 9. Activity is on 160 to 6 meters with ten stations using CW, SSB, and FT8 in DXpedition mode. QSL via LoTW.

EAST KIRIBATI, T32. Bert, K3AAN/CX3AN will be QRV as T32AN from Christmas Island from October 4 to 11. Activity will be holiday style on 40 to 6 meters using mostly SSB with some CW. QSL via EB7DX.

BELIZE, V3. Dave, KM4DYR will be QRV as V31DN from Ambergris Cay, IOTA NA-073, and other islands in the group from October 1 to 9. Activity will be on 40, 20, and 10 meters using SSB. His primary goal is to activate a number of Parks on The Air sites. QSL direct to home call.

MARSHALL ISLANDS, V7. Lisa, KJ6GHN is QRV as V73ML from Kwajalein Atoll. Activity is currently on 160 to 6 meters using mostly SSB. She is here for the next 3 to 4 years. QSL via LoTW. In addition, look for Ulrich, DL2AH to be QRV as either V7/DL2AH or possibly V73AH from Majuro, IOTA OC-029, from October 3 to 15. QSL direct to home call.

LORD HOWE ISLAND, VK9L. Bob, W7YAQ and Al, K7AR are QRV as VK9LAA until October 4. Activity is on 160 to 6 meters. QSL via W7YAQ.

VIET NAM, XV. Greg, XV9BPO is active as XV9Q. Activity is on the HF bands. QSL via LoTW.

TRISTAN DA CUNHA AND GOUGH ISLANDS, ZD9. Yuris, YL2GM is QRV as ZD9W from Tristan da Cunha, IOTA AF-029, until October 22. Activity is on 160 to 6 meters using CW, SSB, and FT8. QSL via LoTW.

Upcoming Hamfests

We **DO** have some hamfests scheduled for 2023!! We're just about to the end of the list, but I'll start adding the 2024 Fests that have already been approved soon!



Ohio Hamfests

2023

10/29/2023 - [Massillon \(OH\) Hamfest \(& auction\)](#)

Location: North Canton, , OH

Sponsor: Massillon Amateur Radio Club

Website: <http://www.w8np.net>

[Learn More](#)

Sp12/03/2023 - [FCARC WinterFest](#)

Location: Archbold, OH

Type: ARRL Hamfest

Sponsor: Fulton County Amateur Radio Club

Website: <https://k8bxq.org/hamfest>

[Learn More](#)

OHIO'S



With the days getting shorter and the evenings and mornings beginning to become sweatshirt weather, it's not hard to realize October and Fall is upon us. It takes no more than a drive through the Southern Ohio countryside to see combines and other farm equipment in the fields starting the Fall harvest. And if you are traveling our backroads, please be prepared to come upon slow moving or over sized farm equipment. Let's make it a safe harvest season for both farmers and motorists.



The **Clinton County ARA** recently held an overnight ‘Parks on the Air’ activation from Lake Cowan. According to Paul Jellison, K8IO, it was well attended and achieved its goals. Additionally it was a

good family social event with the roasting of hotdogs over the fire ring.

The **Southern Ohio ARA**’s “Let’s Talk Ham Radio” was held this past Saturday at South Point’s Patriot Park. The Club and others went to a lot of effort to let the community know about ham radio and its importance to the community. Area radio and television stations and newspapers promoted the event as far away as Charleston. A large electronic bulletin board on US 52, owned by the Chamber of Commerce, and passed by thousands of motorists each day was used to call attention to the event. Club Information Officer Mike Love, WB8YKS, made a presentation to the Lawrence County LEPC and the county EMA director, Michael Boster, promoted the event on local cable television. That interview even found its way to YouTube. The event was to feature a Field Day type operation where members demonstrated what ham radio is about and answered questions from those wishing to learn more. SOARA is to be commended for their efforts to promote and grow ham radio in the Lawrence County area.

The receipt of a national ARRL award is a big deal and last weeks announcement of one coming to our region is well worth repeating. We are pleased that Southern Ohio’s Lynn Alfman, N8IMW, has been awarded the Phillip J. McGan Memorial Silver Antenna Award by the ARRL’s Board of Directors for her public relations work on behalf of amateur radio in the Cambridge, Guernsey County and Southeastern Ohio area. This means she is the ‘best of the best’ when it comes to promoting local amateur radio activities and the hobby. Lynn is a member of the **Cambridge ARA** and is the editor of the outstanding *CARA Communicator* newsletter. She once served as an Assistant Section Manager for her region of Ohio. She and her husband Sonny, W8HFH, are long time members of the club and promoters of ham radio. Although no award was given in 2022, this is the second time in the past three years the Silver Antenna Award has been presented to a South 40 and Ohio Section resident. The **Highland ARA**’s John Levo, W8KIW, received the honor in 2021. Congratulations to Lynn for the receipt of the honor.

The start of a new month results in a number of clubs holding their business meetings. October starts with

the **Portsmouth RC**’s monthly meeting on Monday, October 2 at the Portsmouth American Legion Hall. It starts at 6:30 with a VE session at 5. The following evening (October 3) the **Lancaster Fairfield County ARA** meets at the Fairfield County EMA Building in Lancaster at 7 pm. Then on October 5 the **Clinton County ARA** meeting gets underway at the Boyd Cancer Center in Wilmington 7:30 pm. October 10 is a busy evening with the **DeForest ARA**, the **Highland ARA** and **Greater Mason County ARA** holding their respective meetings.

The DeForest club will meet at the Senior Nutrition Center (across from the Courthouse) in West Union and HARA meets at Liberty Park's Harmony Lake shelter house in Hillsboro. Down in Maysville the GMCARA will meet at the EOC Training Room on Kenton Station Road. Each meeting starts at 7 PM.

On October 7 the **Athens County ARA** will provide communications and route safety assistance during the Blue Blaze Festival Trail Run departing Shawnee through the scenic countryside of Southeastern Ohio. A 10-mile hike departs from the Buckeye Trail Office at 8 that morning and is followed by a half-marathon at 9 and a 5K and 10K at 9:15. Anyone interested in learning how they can assist should contact communications coordinator Jeff Slattery, N8SUZ, at 740-592-6124.

What sounds to be a fun meeting and program will occur at the **South West Ohio DX Association**'s October 12 meeting at Hunter's Pizza in Franklin. The meeting starts at 6 but those wanting to eat prior to the meeting should plan to arrive between 5 and 5:30. The evenings program will be given by N4BAA, Jose Castillo, and called "All Things CQ WAZ and Don Quixote". The restaurant is located at 4165 SR 122 in Franklin. Anyone wishing to join into the meeting may do so via ZOOM by contacting Club President Bill Salyers, AJ8B, at aj8b@arrl.net for instructions.

On October 14 a hamfest will be held at the Wood County 4-H Campgrounds at Mineral Wells, WV. It is sponsored by the **Wood County Emergency Communications** group. More information can be found at <http://www.wc8ec.org>.

The monthly **Bainbridge Area Ham** breakfast gets underway around 8 am at the Dutch Restaurant on SR 41 South near JR's General Store. The **Highland ARA** Brunch Bunch will be held at the Hillsboro Liberty Park Harmony shelter house with the coffee drinking and socializing starting around 10 am. Both events happen on Saturday morning, October 14. Hams residing near either location are invited to attend.

Those interested knowing where some October VE sessions will occur are advised that on October 16 the **Athens County ARA** and **Sunday Creek ARS** will conduct a joint test session at the Red Cross Building in Athens. It starts at 7 PM. All elements will be given and walk-ins are welcome. It is an ARRL session and therefore an examination fee will be charged. Then on October 28 the **Cambridge ARA** will conduct a free Laurel VE test session at the Guernsey County Administration Building in Cambridge. Pre-registration is required to Jim Shaw (AB8P) at 740-305-5041.

As reported last week a new Fusion repeater is taking to the airwaves in the Ross and Pike County area. The 442.2625 repeater near Knockemstiff is the latest edition to a network of linked Fusion digital repeaters throughout Southern Ohio counties with connections to machines outside of the region.

As this column is prepared it appears the Federal government is only hours away from some sort of a shutdown. Should the House not act and forces a shutdown one of the government agencies affected is the Federal Communications Commission--including the Gettysburg data/license processing office. The last long one was a partial shutdown that started on December 22, 2018, lasted 35 days and was the longest in history. During that time the FCC was completely closed with no new licenses, license renewals, data processing, monitoring or other functions taking place. For those of us around then it seemed to take forever for the Commission to get caught up and back running as normal once they were authorized to reopen. The last full shutdown was in 2013 and based on a FCC advisory VE examinations were able to continue and anyone upgrading would be able to operate using the new privileges as long as they had the proper CSCE. I seem to recall those needing to renew an existing license could continue to operate as long as they had evidence indicating a renewal had been filed. However that was well before a license fee was put into place. Therefore I have no idea how it will be handled this time around. As this goes to press there has been no information from either the FCC or ARRL related to how things will function should a shutdown happen. Please monitor your favorite ham radio news site for updates as the saga continues.

However one South 40 individual did beat a possible shutdown and just had his new ticket posted on the FCC's data base. Let's welcome new Technician Roger Sayre to the exciting world of amateur radio. Roger is now KE8ZFC and hails from Pomeroy.

An inquiry was received the other day wanting to know of any hamfests in the Ohio area that might be attended yet this year. Well Don, besides the mentioned one near Parkersburg, WV there is another on October 29 sponsored by the **Massillon ARC** and held near the Akron-Canton Airport. The site is rather unique as it is held in the Military Air Presentation Hanger. Therefore your \$5 hamfest admission ticket will also give you access to the displays of historic military aircraft. That alone might be worth the trip. www.w8np.net for more details

With the temps currently in the upper 70s and reaching into the 80s it's hard to realize the holidays are just around the corner. At least two clubs are already making plans for the Christmas season. The **Lancaster Fairfield County ARA** is planning to enter a float in their community holiday parade to promote the club. For over 40 years the **Highland ARA** has assisted with coordinating the annual post Thanksgiving holiday parade and they met this past Wednesday with City officials to discuss the plans for the Clubs part in the upcoming early December parade. Thoughts are being given to entering a unit in the parade this year.

Because of an upcoming road trip, if you have something you would like in the next column edition, please get it to me by mid-week. Your cooperation will be appreciated.

So until then, here's hoping each of you have a great and radio active week.

John Levo, W8KIW, jlevo@cinci.rr.com or highlandara@gmail.com, 937-393-4951

Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

As of February 17, 2015, the **FCC no longer routinely issues paper license documents** to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS). The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one.

Licensees also will be able to print out an official authorization — as well as an unofficial “reference copy” — from the ULS License Manager. I’ve created a set of instructions on how you can request an “official” printed copy of your license*



[Click here to download the instructions](#)

One Question Questionnaire

Hey Gang,

Last weeks question: **DO YOU OPERATE ON 70 CM??**

The new question is: Is the main radio you use-

- A) ICOM?**
- B) KENWOOD?**
- C) YAESU?**
- D) ELECRAFT?**
- E) OTHER?**

You'll find the “One Question” questionnaire on the Ohio Section Website! <http://arrlohoio.org> It's all for fun and it's not a scientific survey in any way, but we are learning some things that we didn't know from these questions. I hope that you are enjoying answering these “One Question” questionnaires.



Look for the **RED ARROW** on the website – After your vote ENTER out Handbook giveaway contest! You’ve got just a few more days to get in on the August drawing...

Final... Final

Another month is gone! I’ve heard some people say that they were just “killing time”. Unfortunately, that’s not the way it works. Time is killing me and you. The only way to get your money’s worth is to make every minute, every day, every month count. The best way to do that is to be involved with people you like, doing things that you like to do and are important to you.

Reading, especially non-fiction, is almost always useful. There’s lots of good stuff to read out there, and I’m willing to wager there is lots of good stuff just waiting to be read at your house and in your shack! The days are getting shorter, it’ll soon be getting colder – use this season to read and improve your capabilities as an Amateur Radio operator. We’re always all about improving the equipment we use. Spend some time reading, and learning, and improving the “operator” of that equipment. Take that information and get on the air. Try different things. Read, learn what every button on your radio is and how to use it, then take that knowledge and make that radio do all the magic it has in it! Experiment with all the hardware and software you’ve probably got laying around. Even us older hams can make some pretty significant discoveries that will push both us and the hobby forward. Each of us have only so many minutes allocated to our lives – try not to waste too many of them!

I have yet to receive my paper ballot for the Great Lakes Division election, but I have it on my agenda for Sunday to get my ballot submitted electronically. I might want to suggest that you do the same. As I’m writing this (Saturday evening) there’s a possibility that the mail service may not be operational on Monday morning! I’m going to make sure my ballot gets in.

If you looked at the Ohio Section Hamfest schedule for the rest of the year, we’ve currently got 2 to go! Over the last few years the Massillon fest has been pretty good – well attended and in an outstanding venue! That’s October 29th – weather could be a factor, but I’ll say worth the trip. Also coming up is the FCARC Winterfest in Archbold, OH on December 3rd – get that last one in before Christmas!

I also want to put in another plug for the Ohio Section Youth Net, which comes up again on Sunday October 8th. If you know some young ops, tell them about the net, help them get set up on Echo-Link if you’re not near the NE corner of the state and get them on the air with us. This is also open to “potential” young ops you might know, invite them into your shack, introduce them to the magic of radio, and be the control operator to get them on the air with us. I was also talking to a ham at the Cleveland Hamfest last week who was talking about starting a net for

“New Hams” so that they would have a chance to get on the air, get some training and not be intimidated or reprimanded by rookie mistakes! Fantastic idea, and as I hear more about it I’ll let you know.

You may not be a new ham, but maybe you’ve never run a net before. I would like to encourage you to volunteer for being Net Control Station (NCS) for one of your local nets. Lots of good reasons to do that. First off, it’s another skill that could be important to have. We all talk about Amateur Radio as a back-up communications service in times of emergencies, and when that emergency happens, you just might be the guy that’s needed to run the net. What are you gonna say? No? That’s not acceptable! Neither is “on the job training” during an emergency. Give it a try in a non-threatening situation. It’ll be difficult at first. Soon you’ll be comfortable with it and before you know it you’ll be awesome at it! And that’s what you want to be able to do when the public is counting on you.

How about “traffic handling”? Familiarize yourselves with the National Traffic System (NTS). Earlier in this newsletter David Maynard WA3EZN has an article which walks you through what you need to know about a “Radiogram”. A Radiogram is the message form used by the NTS for passing formal radio traffic through the system. It’s important to know if you need to use it. Not something you want to learn in the midst of the emergency.

Back to the beginning, these are things you can use your time to learn and practice. It will make you a better ham. In the right circumstances it will make you an appreciated ham. Or you could just spend your evenings “killing time”. It’s all up to you.....

73,
Tom WB8LCD

“Swap & Shop” on the website

Hey Gang,

Have you taken a look at the **Swap & Shop** page on the Ohio Section webpage yet?? Here’s a link that will take you there...

<http://arrrl-ohio.org/sm/s-s.html>



Do you have equipment that you just don’t need or want anymore? Here’s a great venue to advertise it, and it’s FREE!!

Is your club doing a fund raiser to help raise money? After a lot of thought, it was decided that the Swap & Shop webpage could also contain these types of items as well.

The same rules will apply as do for the For Sales and Give-A-Ways and will only be posted for a month at a time. Please see the Terms & Conditions on the webpage. You might want to list your location so that prospective buyers know where you're at.

If your club is doing a fund raiser and wants more exposure, please forward the information to me and I'll advertise it on the Swap & Shop webpage for you. Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. No licensed vehicles/trailers or business advertising will be posted.

Postings are text only (no pictures or graphics) will be posted for a maximum of 1 month from date posting and require a contact phone number or email within the posting. Send your Wanted / For Sale or Give-Away post to: swap@arrlohio.org

Back Issues of the PostScript and Ohio Section Journal

Hey, did you know that PostScript and Ohio Section Journal (OSJ) are archived on the website? You can go back and look at any edition simply by clicking: <http://arrl-ohio.org/news/index.html>



Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Emergency Coordinator – Bret Stemen, KD8SCL
Technical Coordinator – Jeff Kopcak, K8JTK	Section Traffic Manager – David Maynard, WA3EZN
State Government Liaison – Bob Winston, W2THU	Affiliated Clubs Coordinator – Amanda Farone, KC3GFU
Section Youth Coordinator – Anthony Lascre, K8ZT	Public Information Coordinator – Elizabeth Kline – KE8FMJ

Chit – Chat, and All That!

Do you know someone that's not getting these Newsletters? Please, forward a copy of this Newsletter over to them and have them "[Opt-In](#)" to start receiving them. Heck just have them send an email to: webmaster@arrl-ohio.org to be added.



We now have many thousands of readers receiving these newsletters weekly. Quite impressive, I'd say! I urge all of you to make sure that everyone, regardless of whether they are a League member or not, get signed up to receive these weekly Newsletters.



You can always "Opt-Out" at any time if you feel this is not what you were expecting. It's fun and very informative. All of your favorite past newsletters are now archived too.

You can go back at any time and read them. Just go to: <http://arrl-ohio.org/news/>



The pictures on the front page and throughout this newsletter are from various newsletters, Facebook posts and/or were sent directly to me in recent weeks. Take a good look at them, you just might be in one of the pictures! "SMILE... you're in the Ohio Section News!!"

The Ohio Section Journal (OSJ) is produced as a comprehensive look at all the programs within the Ohio Section. I sincerely hope that you have enjoyed this edition of the OSJ and will encourage your friends to join with you in receiving the latest news and information about the Ohio Section, and from around the world!

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