



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

October 2023

Toms River, NJ

Our President's Message



Mentoring takes on different forms depending on the subject and the people involved in the process. For example, a schoolteacher relies on a textbook as a guide to impart knowledge to students. The reason for the textbook is to provide a common medium between the teacher and the student. Another form of mentoring calls for the teacher or mentor to personally assist an individual on a one-to-one basis. In all cases of mentoring the rule is "Show, Do, Evaluate". The Show part uses a book, an object, or the mentor's experience to impart knowledge to the student. The Do part is the student performing what has been taught and the Evaluate part involves the mentor assessing the student's results and making any comments if necessary. We as radio amateurs are truly mentors although our official title is "Elmer". We need to take this title seriously and follow the basic rules of mentoring (Show, Do, Evaluate). Our hobby requires us to assist other amateurs in various ways. The most successful method of being an Elmer is to commit the time to an individual at your station or at the respective amateurs' station until knowledge of the subject is gained. Evaluating the student's progress is especially important at this point. This process may

take more than one session and patience is the key to being a successful Elmer.

Due to scheduling problems, the presentation on amateur QRP operation (which was scheduled for the September meeting) will be given at the October meeting. QRP operation is the transmission of radio signals with a very low output, usually 5 watts or less. This low output means the equipment can be constructed with a minimum of weight. Quite a few amateurs enjoy the challenge of making a QSO using this type of apparatus.

Doug Poray, President, HCARC

Happy Birthday To:

Robert Mattson KD2TYE

Larry Puccio K2QDY

Bob Wilson KA2WPL

Kathleen Kozakiewicz

Candice Larkins

Harriet LeFevre



Happy Anniversary To:

Ray & Kathleen Kozakiewicz

Larry & Janice Loscalzo



OUR NEXT "REGULAR" MEETING:

Thursday October 7th at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News

October 2023



The next meeting of Ocean County ARES will be October 18, 2023 and the meeting will be a virtual Zoom meeting. The last meeting was only attended by 5 operators and I don't want to impose a burden on county employees to keep the facility open for a handful.

The 2023 Simulated Emergency Test (SET) will take place on Saturday morning, October 14, 2023. The SET will focus around Red Cross shelter operations, specifically sending and receiving messages via Winlink. The new Red Cross MOU for New Jersey will also have Northern New Jersey (NNJ) and Southern New Jersey (SNJ) ARES groups participating in the same drill. Per the new MOU, Ocean County Red Cross Shelters will report to the Tinton Falls district, which includes both voice and digital communications. Voice will be over the Asbury repeater on 147.045 MHz and digital will be via Winlink.

Several questions have come up about Red Cross messages and how they are handed off to a shelter operator for distribution. The first method can be a shelter manager simply hands the communicator a Red Cross form (handwritten or typed) and the operator has to transpose the information into a Winlink Red Cross message form. This method obviously takes the longest and is most prone to errors during transposing.

The second method would be transmitting all the Red Cross form data over a voice net, which would take the longest and holds the possibility of numerous errors since some forms can contain 60 lines of data.

The third method and the most preferred is the shelter manager hands the form data over to the operator on a USB thumb drive or other method of data transfer. Guidance was recently given to ARES operators via

Groups.io on how a non-licensed individual can use Red Cross form templates with an Internet browser to create data only TXT files, which can be opened in Winlink by the radio operator to easily populate Winlink Red Cross forms. The form is then saved and transmitted over the Winlink system to the intended party with no errors.

This third method will be the preferred method to be used during the SET.

Operation "Shake Out" will be held on October 19, 2023. The Great ShakeOut is an opportunity to learn more about earthquake preparedness. Participants can learn about the different types of earthquakes, how to create an earthquake safety plan, and how to make their homes and businesses more earthquake-resistant.

The Great ShakeOut is a great way to get ready for an earthquake. Many preparedness lessons from the Great ShakeOut also apply to floods, fires, landslides and other disasters. It is also a chance to connect with your community and learn how to help others in the event of an earthquake or other disaster.

Ocean County ARES has registered as one of the groups participating in the exercise with the USGS. [Step-by-step Exercise Winlink DYFI Instructions.](#)

The above link was put together by LAX ARES. You can follow it exactly except in the notes, put in "Ocean County ARES".

I would like to congratulate Glen, KD2FFR, for his assignment as Assistant Emergency Coordinator – Red Cross, for Ocean County ARES. Glen will be the contact person for all Ocean County Red Cross shelter assignments and management.

The Gloucester County Hamfest was held on September 10th and Ocean County ARES gave a VARA FM demonstration near the SNJ ARRL table. Three VARA FM stations were setup and demonstrated to observers how VARA FM P2P can be sent from one operator to another directly and through a digipeater. Direct connection was also made to the Gloucester

VARA FM RMS station via VARA FM Winlink. The demo is pictured below. Below the VARA FM demo is a picture of a 1950 NJ State Police mobile radio installation. Times have changed!



73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

HCARC License Exam Sessions



If you know someone who wants to be a “ham”, or you want to upgrade your ham license, we can help.

See “Our Volunteer Examiner Crew” (below) for information.

Our Volunteer Examiner Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,

John [KQ4WR](#), Stan [KB2PD](#),

Steve [N2WLH](#), Michael [WA2CWX](#)

License exams are given by appointment at 7:00pm on the first Wednesday after each HCARC meeting at Holiday City South Clubhouse Bldg A, which is at the corner of Mule Rd. and Santiago Dr. Call Larry Puccio, [K2QDY](#), at 732-349-2950 for an appointment.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Clubhouse A is the building nearest the street corner.

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcArc.us

President	Doug Poray	KC2TZC	732-928-2316
Vice President	Steve Jackson	N2WLH	732-255-7916
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Carl Lee	W2PTZ	732-575-7558
Executive Board	John Roberts	KQ4WR	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

Membership is open to all interested persons. Ham license is not required. Dues are \$25.00 per year, payable Jan 1st. Members joining during the year will have the dues prorated. Family membership \$30.00 per family.

Meetings are held at 7:00 pm on the first Thursday of every month except December.

Location: Meeting Room #1 in Holiday City South Clubhouse.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Turn into the parking lot from Santiago Drive and park near the pool. Enter Building A (the building nearest the street intersection).

Newsletter: The SKYHOOK is the HCARC's official newsletter, circulation about 75. Original articles and photos are appreciated. Editor is John Roberts, [KQ4WR](#), 732-350-1162.

QSO Parties This Month

California <http://www.cqp.org/Rules.html>
California QSO Party 1600Z, Oct 7 to 2200Z, Oct 8, 2023

Nevada <http://nvqso.com/contest-rules/>
Nevada QSO Party 0300Z, Oct 14 to 2100Z, Oct 15, 2023

Arizona <https://www.azqp.org/rules>
Arizona QSO Party 1500Z, Oct 14 to 0500Z, Oct 15, 2023

Pennsylvania https://paqso.org/files/PAQSO_Rules.pdf
Pennsylvania QSO Party 1600Z, Oct 14 to 0400Z, Oct 15, 2023 and 1300Z-2200Z, Oct 15, 2023

South Dakota <https://sdqsoparty.com/>
South Dakota QSO Party 1800Z, Oct 14 to 1800Z, Oct 15, 2023

New York <https://nyqp.org/wordpress/nyqp-rules/>
New York State QSO Party 1400Z, Oct 21 to 0200Z, Oct 22, 2023

Illinois https://w9awe/wpfd_file/2022-illinois-qso-party-rules/ Illinois QSO Party (Western Illinois Amateur Radio Club) 1700Z, Oct 22 to 0100Z, Oct 23, 2023

Thanks to Bruce Horn, WA7BNM

ARRL SNJ News

As of September 10, 2023 Ron Fish KX1W has been appointed as the Southern New Jersey Section Affiliated Club Coordinator. Ron moved to our section from the Hudson Division where he was the ACC there. He brings a great deal of knowledge and experience with him. Ron will be contacting all the Clubs in Southern NJ to make sure their information is up to date. He is also available to come out to clubs and give a short presentation. We look forward to assisting clubs to help with increasing their membership and answering any questions they may have.

Contact Ron at kx1w@arrl.net

There are two new club level awards that are available. These are awards that clubs and individual members can use to recognize other hams for the certain achievements. The first certificate is the First Contact Award. This is for just what it says and can be filled out by anyone to commemorate the new hams first contact. This one is at arrl.org/first-contact. The other is the new Mentor Award. This one is at arrl.org/mentor-award. Both are fillable PDF certificates, and they can be printed and downloaded as they like. More certificates are coming and we want to give the clubs and individuals a way to have fun with new hams and maybe get some fun for many of us that are not so new.

ARRL Southern New Jersey Section
Section Manager: Tom Preiser, N2XW
n2xw@arrl.org

My Station

by Larry Puccio K2QDY

All ham radio stations need a radio and antenna to go on the air. This also includes a key for CW and a mike for SSB. My equipment consists of an Elecraft K3 transceiver, Elecraft KPA 500 Linear amplifier, Yaesu FT1000D and a G5 RV type antenna 102 ft long above the house roof at 30 feet up and another 137 ft dipole that is perpendicular to the G5 but up at 40 feet. I also have a low to the ground antenna at 7 feet called a Beverage antenna. Additionally I have two tuners for the open wire feed lines to both antennas. The beverage antenna, which is only 7 feet above the ground, is only for receiving low frequency signals on the Broadcast band, 160 and 80 meters. As example listening to the broadcast band on either dipole maybe I would get S2 or 3 signal strength on receive but with the beverage the same station would be a S9 plus 20 or so.

The Elecraft runs 100 watts on all bands while the FT1000D is a 200 watt rig. I actually like the FT1000 better than the Elecraft. Lots of knobs to turn! I operate mostly on CW and only occasionally on SSB. Most of my operating is on 40, 20 some 15 and 10 meters. 40 meters is best for DX in the evening while

20, 15 and 10 are daylight bands. With the sunspots increasing, DX openings are getting better but no Australia yet.

With the two antennas that are perpendicular to each other you can hear and see a difference on the S meter for stations that either come from the east/west or north/south. The antenna over the roof of the house is fed with open wire feed line and that requires a tuner here in the shack. The antenna in the back is fed with coax underground for about 75 feet then I have a weather proof box that contains a tuner and the open wire from that tuner runs about 75 feet up into the pine trees.

I also have a program on the laptop that tells me who is on the air and who they are talking to. You can look for stations on the east coast making contacts and you should be able to hear those DX stations as well.

On my lap top computer I have a logging program that I use for keeping track of who I work and who I send QSL cards to, and who I receive cards from. I have DXCC on a couple of bands, also WAS again mostly on CW.

What's your station like??

Larry

K2QDY

Ocean County ARES® Net Schedule

Here's the regular net schedule for Ocean County ARES:

The 1st, 3rd* & 5th (if exists) Wednesdays of the month:

*** There are no training nets on the third Wednesdays of even-numbered months, because of the ARES in-person or Zoom meetings.**

7:30 PM Digital Training Net, 145.170 MHz
WA2RES/R, No Echolink.

8:30 PM ARES Voice Training Net, 449.825 MHz
WA2RES/R, Echolink WA2RES-R Toms River.

The 2nd & 4th Wednesdays of the month:

7:30 PM Digital Training Net, 449.825 MHz
WA2RES/R, Echolink WA2RES-R Toms River.

8:00 PM Second Wednesday of the month only, Ocean County Skywarn Training Net, 145.170 MHz,
WA2RES/R, No Echolink.

8:30 PM ARES Voice Training Net, 145.170 MHz
WA2RES/R, No Echolink.

The Repeaters:

The 449.825 MHz repeater has a PL of 131.8 Hz, -5 MHz shift (444.825 MHz).

The 145.170 MHz repeater has a PL of 131.8 Hz, -600 kHz shift (144.570 MHz).

Digital nets use FLDIGI/FLMSG(MT63-2KL) over the repeater or a designated simplex frequency and/or VARA FM Winlink on 145.010 MHz.

Note that the September 18th "meeting" is a ZOOM virtual meeting.

Check Out The HCARC Website

It's www.hcarc.us.

The Lunch Bunch At Fortune Buffet



Sept 13, 2023. Photo by Thom Roberts.

Steve Jackson N2WLH. Mike Bauer KC2KTC, Mike Larkins
WA2CWX, John Roberts KQ4WR, Christine Jackson, Candice
Larkins, Doug Poray KC2TZC, Jeanne Poray, Grace Puccio, Larry
Puccio K2QDY, Harriet LeFevre, Carl LeFevre WA2IQE.

Larry Puccio K2QDY Worked:

8/23/2023	20:30	21.023	CW EW2W	Belarus	K033nq	4470	NE
8/23/2023	20:41	21.019	CW SP8ARY	Poland	K010cv	4399	NE
8/23/2023	20:54	21.008	CW DK1NO	Germany	JN48oc	3979	NE
8/23/2023	21:08	14.017	CW US7IJW	Ukraine	KN59rd	4805	NE
8/23/2023	21:30	14.019	CW R1AL	Eur. Russia	K059er	4341	NNE
8/27/2023	20:51	28.031	CW KH6AQ	Hawaii	BK29mj	4890	W
8/27/2023	21:06	14.024	CW R1AL	Eur. Russia	K059er	4341	NNE
8/27/2023	21:15	14.024	CW RP78PHS	Eur. Russia	??		
9/01/2023	21:17	14.021	CW IZ8EYP	Italy	JM88fj	4628	ENE
9/01/2023	21:23	14.022	CW M0XUU	England	I091mk	3473	NE
9/01/2023	21:28	14.024	CW HG4I	Hungary	JN97kg	4402	NE
9/18/2023	20:56	14.019	CW F6FJI	France	JN14ch	3785	ENE
9/19/2023	00:21	7.026	CW I1MMR	Italy	JN44kk	4078	NE
9/20/2023	18:28	14.021	CW SX480SNB	Greece	KM17sw	4961	NE
9/22/2023	17:03	28.022	CW EA6ACA	Balearic Is	JM19mk	3971	ENE
9/22/2023	17:09	28.023	CW IC8FBU	Italy	JM70cn	4829	ENE
9/22/2023	17:14	28.016	CW EA4R	Spain	IM89at	3624	ENE
9/22/2023	17:39	28.027	CW HA5JI	Hungary	JN96sk	4459	NE

Some DX Opportunities

Callsigns shown in alphanumeric order

Italics if DX > 6000mi

Mode codes: 8 = JT8, C = CW, D = Digital, J = JP4, P = PSK31, R = RTTY, S = SSB, T = SSTV.

Bands: "Low" usually means 160, 80 & 40m.

Many thanks to Bill Feidt NG3K for ADXO. Also to Wikipedia, Google Maps, the ARRL, the RSGB, DX World, The Daily DX & QRZ.com for the data.

START	FINISH	ENTITY & Ranking	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
	2023 Oct13	Timor-Leste	4W	4W/JH2EUV	OC-148	80-6m		JH2EUV	PI21sk	9954	NW	ARLD038
2023 Oct01	2023 Oct14	Samoa	5W	5W0LM	OC-097	160-6m	C S 8	9A3MR	AH36sg	7259	W	DXW.Net
2023 Sep28	2023 Oct08	Uganda	5X	5X3K		160-10m	C S 8 R	LoTW or OQRS	KJ60gi	7090	E	DXW.Net
2023 Jul16	2023 Dec17	Mexico	XE	6E0G		80-10m		XE1EE LoTW	DL90tn	2043	WSW	DXNews
2023 Sep26	2023 Oct16	Senegal	6W	6W/IV3FSG		80-6m	S D	OQRS, IV3FSG	IK14sd	3900	E	425DXN
2023 Oct02	2023 Oct06	Malta	9H	9H6XPO	EU-023				JM75ev	4628	ENE	ARLD032
2023 Sep16	2023 Oct08	Botswana	A2	A22EW		20-6m	S	eQSL	KG18vh	7583	ESE	425DXN
2022 Decem	2023 Dec15	Antarctica	AT4	AT42I				VU2CRS	JB52uf	8852	SSE	DXNews
	2032 Dec31	Taiwan	BV	BM0QSO	AS-020	80-10m	8 d	BM2JCC	PL04nf	7897	NNW	QRZ.com
	2023 Oct31	Germany	DA	DQ125LH				bureau	J064bd	3920	NE	QRZ.com
2023 Oct10	2023 Oct23	Niue	E6	E6AM	OC-040	160-6m	C S 8 r	OQRS or LoTW	AH56bw	7094	W	ARLD027
2023 Oct10	2023 Oct23	Niue	E6	E6AM	OC-040	160-6m	C S 8	LoTW	AH56bw	7094	W	TDDX
	2023 Oct25	French Polynesia	FO	FO/F6BCW	OC-067	40-6m	C S	F6EXV	BH43mg	6286	WSW	425dxn
2023 Oct02	2023 Oct06	French Polynesia	FO	FO/K6VVK	OC-066	80-6m	S C 8 4	LoTW	BH65bb	6051	WSW	DXW.Net
	2023 Dec31	Wallis & Fortuna	FW	FW1JG	OC-054			LoTW F4CIX	AH16vq	7439	W	ARLD003
2023 Oct26	2023 Nov09	Temotu	H4	H40WA	OC-065	160-10m	C S 8	LoTW	RH29vg	8276	WNW	N6PSE
2023 Oct02	2023 Oct10	St Vincent	J8	J88PI	NA-025	40-10m	SSTV C4F 8	GW4DVB Dir	FK92ho	2047	SSE	TDDX
2023 Jul20	2023 Oct19	Minami Torishima	JD1	JG8NQJ/JD1	OC-073	17-10m	C 8	LoTW JA8CJY	QL64xg	7026	NW	ARLD031
2023 Aug15	2023 Oct31	Norway	LA	LA/OE6CUD	(4 Is.)	80-10m	C	OE6CUD dir	JP67nw	3631	NNE	ARLD032
	2023 Dec31	Luxembourg	LX	LX90RTL		80-10m+sat	C S D	LoTW	JN29vw	3786	NE	425dxn
	2023 Dec31	Czech Republic	OK	OL300SANTINI		80-10m		per opr instr	JN99he	4324	NE	ARLD029
	2023 Oct31	Faroe Islands	OY	OY/MM0NDX	EU-018				IP62pc	3125	NE	ARLD032
	2023 Oct31	Faroe Islands	OY	OY/MM00KG	EU-018				IP62pc	3125	NE	ARLD032
	2023 Oct15	Curacao	PJ2	PJ2ND	SA-099	160-10m	C S	PJ2ND via K8ND	FK52fg	1935	S	ARLD035
	2023 Oct15	Curacao	PJ2	PJ2T	OC-024	160-10m	C S	PJ2T via KU9C	BJ12gb	5490	W	ARLD035
2023 Oct25	2023 Oct31	Saba & St Eustatius	PJ	PJ5 ?	NA-145	60-6m	S 8	LoTW	FK87cm	1672	SSE	W5JON
	2024 March	Antarctica	*RN*	RN10N	AN-016		C S D	RI1ANC	OB31km	9782	S	ARLD052
2023 Sep28	2023 Oct23	Crete	SV9	SV9/OH1VR	EU-015	160-6m	C	OH1VR	KM25oj	5142	ENE	ARLD038
2023 Sep21	2023 Oct09	Tuvalu	T2	T22T	OC-015	160-6m	C S 8	LoTW	RI91o1	7475	W	DXW.Net&
2023 Oct10	2023 Oct30	Tuvalu	T2	T2C	OC-015	160-6m	C S 8	LoTW	RI91o1	7475	W	TDDX
2023 Oct04	2023 Oct11	E Kiribati	T32	T32AN	OC-024	40-6m	S C	via EB7DX	BJ11hu	5776	W	OPDX
2023 Sep01	2023 Oct17	East Kiribati	T3	T32AZ	OC-024	80-10m		KH6QJ (B/d)	BJ12gb	5771	W	TDDX
	2023 Dec31	Turkey	TC	TC100TA				borough	KM69kv	5267	NE	425dxn
	2023 Dec31	Turkey	TC	TC100TC				borough	KM69kw	5265	NE	425dxn
	2023 Dec31	Turkey	TC	TC100TR				borough	KM69kv	5267	NE	425dxn
	2023 Dec31	Turkey	TC	TC100YEAR				borough	KM69kv	5267	NE	425dxn
2023 Sep28	2023 Oct08	Iceland	TF	TF/KA9VDU	EU-168	80-10m	C S 8	KA9VDU	HP94ad	2663	NNE	TDDX
2023 Oct10	2023 Oct22	Mayotte	FH	T08FH	AF-027	160-6m	C S D	LoTW or F2GSJ	LH27pa	8353	E	425DXN
2023 Oct02	2023 Oct15	French Polynesia	FO	TX6D	OC-046	160-10m	C S D	DL7DF	BH52gm	6247	WSW	DXW.Net
2023 Oct01	2023 Oct09	Belize	V31	V31DN	NA-073	40-10m	S	KM4DYR	EK56ox	1812	SSW	425DXN
2023 Oct18	2023 Oct30	Micronesia	V6	V63AH	OC-059	80-6m	S 8	LoTW	RJ151h	7655	WNW	DL2AH
2023 Oct27	2023 Oct31	Micronesia	V6	V63CB	OC-010	40-10m	S c 8	LoTW	QJ96cv	7794	WNW	TDDX

October						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 7:30pm ARES digi net 145.170MHz; 8:30pm ARES voice net 449.825MHz	5 7pm HCARC MEETING See page 3	6	7 CA QSO Party
8	9 Columbus Day	10 VE SESSION tomorrow by appointment See page 3	11 7:30pm ARES digi net 449.825MHz; 8:00pm Skywarn Training Net 145.170MHz; 8:30pm ARES voice net 145.170MHz	12	13	14 NV, AZ, PA & SD QSO Parties
15	16	17	18 12 noon HCARC Chinese Buffet see page 1; ARES ZOOM virtual Meeting 7pm	19	20	21 Jamboree (14.390) & NY QSO Party
22 IL QSO Party	23	24 HCARC Board Mtg Tomorrow Oct 25 at noon	25 7:30pm ARES digi net 449.825MHz; 8:30pm ARES voice net 145.870MHz	26	27	28
29	30	31 Halloween				

QSO Party Information

QSO Party information is on page 4.

We Thank The Following For Our News

Doug Poray KC2TZC, Bob Murdock WX2NJ, Larry Puccio K2QDY, Tom Preiser, N2XW, Thom Roberts, Bruce Horn, WA7BNM, Bill Feidt NG3K, QRZ.com, and the ARRL.