www.hcarc.us October 2022 Toms River, NJ

Our President's Message



ARES (Amateur Radio Emergency Service) is the largest ham radio emergency organization sponsored by the ARRL. This organization supports local government and agencies such as the Red Cross, Salvation Army, and the National Weather Service during emergencies. Any licensed amateur can participate in ARES.

ARES provided communications support during the 9/11 attack, during most hurricanes, and notably during the 2003 North American Blackout.

Not only is this communication service extremely useful for emergencies but also whenever the Internet and cell phone service is interrupted.

This service is invaluable during any emergency since it provides a network of organized operators to handle situations involving life and death as well as local and national disasters.

At our October meeting we will have a guest speaker explain the ARES service in detail and talk about the various activities ARES has been involved with in Ocean County.

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



Election Of Officers

Geez, another year flew by; the club members again have to elect another slate of officers for 2023 at the next meeting. The positions up for consideration are - President, Vice President, Secretary and Treasurer.

Looking forward for you to cast the deciding votes.

John Perry, KD2NDY

OUR NEXT REGULAR MEETING:

Thursday, October 6th at 7:00 PM Holiday City South Clubhouse A Santiago Drive at Mule Road Toms River, NJ

Ocean County ARES® News

October 2022

I would like to thank Ocean County operators N2XW, K2MDW, KD2FFR, N2LD, WB2ALJ and WX2NJ for supporting to 2022 Habitat for Humanity "Walk to Build" event in Lavallette on September 17th.



N2XW, WX2NJ, K2MDW

The weather was spectacular and there were approximately 150 walkers raising funds for Habitat. ARES provided communications support for the walk and ensured all walkers stayed on course and were safe. A special thanks to KD2FFR for acting as Habitat liaison and K2MDW who was net control.



K2MDW, KD2FFR

Photos by Nancy Murdock



WB2ALJ, N2LD

The walk course is made up of the Lavallette boardwalk and the sidewalk of Route 35 North, Ortley Ave and Dover Ave. Combined it makes about a 2.4 mile loop.

The 449.825 MHz, WA2RES/R in Toms River was used for the event and operators only needed an HT to communicate. We look forward to supporting the event again next year.

October 1st is the annual Simulated Emergency Test (SET) for all of SNJ ARES and Ocean County will be participating. Operators are needed as shelter and damage assessment radio operators. The drill will be in the morning and will only be a couple of hours. You can operate from your home with no need to travel. If you can participate, contact WX2NJ, the Ocean County EC.

One enhancement Ocean County ARES will be implementing is the addition of the transmission of the "time" following the passing of a formal written message or verbal tactical message. This allows and reminds all operators on frequency to log the event on an ICS-309 or ICS-214. By announcing the time, all operators can log the same time on their log sheets and be uniform. Additionally, all Ocean County ARES net transmissions are recorded and the time announcement gives a "time stamp" to the recording should it be needed for official use.

We will be using local time in 24 hour format. So if operator "A" was sending a message to operator "B", operator "A" would end with "message complete, time 1414 hours" if the time was 2:14 PM.

The Ocean County ARES Operating Plan will also be revised to reflect this enhancement.

It has been bought to my attention that one of our simplex operating frequencies is being utilized by daily rag chewing in another county and another frequency is to be selected to avoid interference. Also, the old frequency is in the OSCAR subband and is not to be used for voice. The TAC1 simplex frequency of 144.310 MHz is replaced by 146.430 MHz, effective immediately. The Ocean County ARES Operating Frequency chart, website and Operating Plan will be revised to reflect the change.



The next meeting of Ocean County ARES will be October 19th at 7:00 PM, Ocean County EOC, Robert J. Miller Airport, Berkeley Township.

73 de WX2NJ Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Our Volunteer Examiner Crew

Larry <u>K2QDY</u> (Liaison) 732-349-2950, John <u>KQ4WR</u>, Stan <u>KB2P</u>, 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.

<u>Directions</u>: 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	(open)		
Executive Board	John Roberts	KQ4WR	732-966 4665
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

<u>Membership</u> 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.

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

<u>Location:</u> Meeting Room #1 in Holiday City South Clubhouse.

<u>Directions</u>: 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. EnterBuilding A (the building nearest the street intersection).

<u>Newsletter</u>: The SKYHOOK is the HCARC's official newsletter, circulation about 75. Original articles and photos are appreciated. Editor is John Roberts, <u>KQ4WR</u>, 732-350-1162.

Fox Hunt Report

by Larry Puccio

The Holiday City ARC held it's Fox Hunt Saturday, September 9, 2022 at 10:00AM. In attendance were Steve Jackson, Michael Larkins, Carl Lee, Carl LeFevre, John Perry, Jim Pleis, Larry Puccio and John Roberts who was the foxy fox.

The group met at the clubhouse parking lot at 10:00 AM and reviewed the procedures for the day's hunt. When everyone was ready Carl Lee contacted John Roberts to put out a signal.

There were two groups who had the directional antennas the club had built, and began pointing in various directions until the hunters agreed on the track of the fox's signal. It was determined the scent of the fox was coming from the south. The three cars departed the parking lot and drove tothe intersection of Davenport and Dover Roads where they parked and took another bearing.

Moving the antennas up, down and sideways the hounds agreed the signal was coming from the Southeast, and so the cars departed for the intersection of Dover and Pinewald-Keswick roads. Now the hunters could feel that the prey was soon to be found so they stopped, constantly swept the area with the antennas and took more readings.

Now the signal was from the Southwest so the group eagerly headed in that direction. All the time as this chase was taking place, the hunters were really set on locating the fox but enjoying the process and each other's company while doing so.

The fox, John Roberts, was periodically putting out a signal from what he thought was his secure hiding place. Now it was decided to head west on Pinewald-Keswick Road and stop at the next intersection which was Mule Road and the entrance to the county airport.

The pursuers again got out of the cars and aimed their antennas in a Southwest direction thinking the fox was in the Airport parking lot. We traveled down the road to the airport parking lot, but the fox was not there. Back into the cars and returned to the main road.

Now the stalkers were earnestly and deliberately taking directions. After some discussion the trackers

decided to head south to a road that was heading east.

When we arrived to where we thought the fox was located, the fox was not seen, so we headed back to the main road to take another reading. The reading this time indicated the fox may be straight ahead of where we were standing, so back into the cars and we headed in that direction.



(Red Fox photo from Wikipedia)
About another half mile down the road we spotted some fresh tracks and the sly old fox sitting in his car tucked into the woods.

Everyone agreed they had a fine time. This was an excellent exercise and are looking forward to the next hunt, which will be a located a further distance from the club site.

Southern NJ Section News



October 2022

This is the first article I have published for the Section since June. I had to have eye surgery in the beginning of July which put me out of commission for a few weeks. However, I have recovered well and am back in good shape. So, let's get caught up on things happening in the Southern NJ Section.

Congratulations to Ron Block NR2B of the Gloucester County Radio Club for having an article published in the July QST. The article talked about the Gloucester County Amatuer Radio Clubs lightning protection project. Ron went on to be interviewed by Steve Ford WB8IMY on the "Eclectic Podcast" This was one of Steve's last podcasts. The interview was really interesting. Finally, Ron received the July QST Cover Plaque Award for his article. The award was presented to him at the Gloucester County Hamfest by ARRL Atlantic Division Director Tom Abernathy W3TOM.

The Gloucester County HamFest/SNJ Section
Convention went off without any problem except for
the weather. While it was overcast most of the time,
there was one brief shower around 10:30 in the
morning. The turnout appeared slightly lower than the
average and there was a few less vendors. All probably
due to the weather. There were quite a lot of prizes
handed out and the food provided by the Boy Scouts
was excellent. I did see a few people walking around
with rigs they purchased, so for those who did turn out
it may have been worth it.

Club Grant Program

Just a reminder The ARRL Club Grant Program is now accepting applications for the second round. Your club, whether it's an ARRL Affiliated Club or not, can apply for a grant of up to \$25,000. Additional information is also posted on the ARRL Foundation Club Grant Program web page. If your club has a project they'd like to pursue, or if they have another need for funding, you're invited to explore the Club Grant Program. Questions may be directed to clubgrants@arrl.org. The application deadline is November 4, 2022 at 7:00 PM Eastern.

NJ QSO Party

The NJ QSO Party was held on September 17th. Preliminary reports are that there were quite a few entrees. This is something anyone can participate in even if only for a few hours. Thanks go out to the Burlington County Radio Club for Organizing this event.

ARRL SNJ SET

The Southern NJ Section will be participating in the Annual Simulated Emergency TEST on Saturday October 1, 2022. All counties are invited to participate. Southern NJ had the best score in the Country last year. Thanks to all those who participated. Let's show the Country that the Southern NJ amatuer Radio Community is prepared for emergency Communication. Contact Tom Devine WB2BLJ for more information. wb2blj@arrl.net

Remember to get on the Air. No matter what mode or frequency get on the air, make a contact or talk to someone on the repeater.

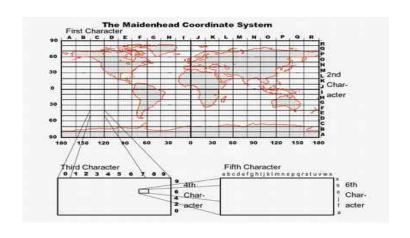
Tom Preiser N2XW SNJ Section Manager n2xw@arrl.org

Larry Puccio K2QDY Worked:

DATE	TIME		FREQ	MODE	CALL	ENTITY	GRID	MILES	DIR
08/11/22	09:52	PM	14.022	CW	9H1TT	Malta	JM75fv	4632	ENE
08/11/22	09:59	PM	14.024	CW	G0IBN	England	J001ks	3541	NE
08/11/22	10:09	PM	14.021	CW	TA7I	Turkey	KN91ua	5478	NE
08/12/22	01:52	PM	14.023	CW	V31XX	Belize	EK58uk	1707	SSW
08/17/22	06:57	AM	14.023	CW	G4RCG	England	I093fc	3406	NE
08/17/22	12:23	PM	14.025	CW	C31US	Andorra	JN02sn	1 3806	ENE
08/24/22	05:55	AM	14.023	CW	IQ1FS	Italy	JN62ks	4309	NE
08/24/22	06:05	AM	14.027	CW	I1ULJ/8	Italy	JN61gv	4325	ENE
09/11/22	09:30	PM	14.001	CW	PQ8RS	Brazil	GJ401	3119	SE
09/11/22	09:40	PM	14.011	CW	IK2MYV	Italy	JN62ma	4343	ENE
09/11/22	10:25	PM	14.023	CW	LZ50YE	Bulgaria	KN22da	4798	NE
09/16/22	09:38	PM	14.024	CW	KG9N	IL	FN22hr	200	NNW
09/18/22	07:53	PM	14.024	CW	EI4II	Ireland	I062rh	n 3227	NE
09/18/22	08:07	PM	14.018	CW	E73AK	Bosnia-Herz	JN94hs	4483	NE
09/18/22	08:13	PM	14.019	CW	M0BZH	England	I093hn	1 3416	NE
09/18/22	08:29	PM	14.012	CW	HA9RT	Hungary	JN86ts	4369	NE
09/18/22	08:57	PM	14.016	CW	PQ8LEE	Brazil	GJ401a	3124	SSE
09/18/22	09:11	PM	14.011	CW	LZ3FA	Bulgaria	KN22da	4798	NE
09/21/22	04:19	PM	21.017	CW	IK3VUT	Italy	JN65fs	4189	NE
09/21/22	06:06	PM	21.016	CW	HB9CW	Switzerland	FJ09ga	2163	S
09/21/22	06:19	PM	21.019	CW	EA4HKF	Spain	IM78wc	3649	ENE
09/21/22	06:26	PM	21.019	CW	SNØRUN	Poland	J090ic	4278	NE
09/21/22	06:59	PM	14.027	CW	LY2PX	Lithuania	K015kg	g 4267	NE
09/21/22	08:44	PM	14.025	CW	S51W	Slovenia	JN66ue	4228	NE
09/21/22	08:48	PM	14.025	CW	ON7PQ	Belgium	J010pt	3662	NE
09/21/22	09:00	PM	14.012	CW	Z33Z	Macedonia	KN11hk	4779	NE
09/22/22	04:49	PM	21.014	CW	SP4JFR	Poland	K002mh	1 4306	NE
09/22/22	05:03	PM	21.024	CW	IK1WNO	Italy	JN441k	4082	NE
09/22/22	05:21	PM	21.024	CW	HA0NAR	Hungary	KN09sc	4422	NE
09/22/22	05:27	PM	21.017	CW	IK3VUT	Italy	JN65fs	4189	NE
09/22/22	06:06	PM	21.017	CW	FS5GL	St. Martin	FK881b	1655	SSE
,,	22.00		,						

Sept 2022 VE Session

At our September VE session we had one candidate. He passed the Technician grade test and indicated he would be studying for the General class next. The VEs in attendance were John Roberts, Michael Larkins and Larry Puccio. Out next VE session is scheduled for Wednesday, October 12th in the Holiday City South Clubhouse building A room 1 at 7:00 PM.



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, Wikipedia, Google Maps, the ARRL, the RSGB, DXW, TDDX & QRZ.com for the data.

START	FINISH	ENTITY	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
10/20/22	10/23/22	Monaco	3A	3A/DL2SBY		30-10m	8 c	LoTW or dir	JN34sa	4032	ENE	TDDX
09/19/22	10/19/22	Equatorial Guinea	3C	3C/TA3OM	AF-010	80-10m	8 S	TA30M	JJ43im	5692	E	TDDX
		Tanzania	5H	5H8HZ		80-10m	C S 8	LoTW	KI64kx			ARLD038
10/11/22		Madagascar	5R	5R8CG	AF-057	160-6m	CSR8	DL2AWG LoTW	LH31rd	8715		TDDX
10/08/22		Madagascar	5R8	5R8FG	AF-057	80-10m	C S	IZ6BRJ (B/d)		8524		DXW.Net
10/11/22		Madagascar	5R	5R8MM	AF-057	160-6m	C S R 8	DK2AMM LoTW	LH31rd	8715		TDDX
10/11/22		Madagascar	5R	5R8WG	AF-057	160-6m	C S R 8	DL2AWG LOTW	LH31rd	8715		TDDX
10/11/22 11/02/22		Madagascar	5R 7P8	5R8WP 7P8CW	AF-057	160-6m 80-10m	CSR8 SCD	PA3EWP LOTW	LH31rd KG41ad	8715 8083		ARLD036 DXNews
on now	11/07/22 03/31/23		JA	778CW 8J1H90T	AS-007	90-1011	3 C D	LoTW, OQRS see QRZ.com	PM95qi			ARLB022
10/02/22		Maldives	8Q7	807TD	AS-007 AS-013	20m		IK1TTD (B/d)	•			IK1TTD
09/17/22	10/1//22		9H	9H6QE	EU-023	20-10m		9H1MRC	JM75ex			ARLD037
11/02/22	11/20/22		A35	A35GC	OC-049	160-6m	CSR8	TBA	AG29ma	7693		DXW.Net
10/06/22		Mariana Is	KH0	AHØ/WA7WJR	0C-086	80-10m	S	WA7WJR	QK45ae			WA7WJR
09/30/22	10/04/22		KH2	AH2/WA7WJR	OC-026	80-10m	S	WA7WJR	QK23ij			WA7WJR
	10/02/22		AT	AT75CW				VU2CW	ML88pq	7358	NNE	ARLD035
on now	11/30/22	Taiwan	BV	BX0QSL	AS-020	80-10m	Dcs	BM2JCC	PL04nf	7897	NNW	ARLD027
10/05/22	10/17/22	Comoros #90	D6	D60AE	AF-007	160-10m	C S R 8 4	TBA	LH18pg	8194	E	DXNews
	12/31/22	Germany	DA	DR100RY				DF2SD	J031co	3760	NE	ARLD038
08/01/22	12/31/22	Spratly Is	DX0	DX0NE	AS-051	160-6m	C S 8	IZ8CCW	OK70os	8885	NNW	ARLD028
08/20/22	04/01/24	Mayotte #110	FH	FH4VVK	AF-027	80-10m		F4VVJ	LH27pe			ARLD033
08/29/22		French Polynesia	FO	FO/K6VVK	OC-026	160-6m	S C 8 4	LoTW	BH52bl			TDDX
on now		Wallis & Fortuna	FW	FW/F4CIX	OC-054	40-10m	S 8 4	LoTW	AH16vr	7437		ARLD037
		Switzerland	НВ	HB175RAIL				LoTW	JN47eg			ARLD038
on now		Djibouti	J2	Ј28НЈ		80-10m	S 8	LoTW	LK11mn			ARLD029
10/29/22	11/07/22	•	J2	J28MD	46 200	160-10m	CSR8	LoTW IK2VUC	LK11px			DXW.Net
09/25/22	11/04/22	•	JA	JB6RRR/5	AS-200	80-10m	C S 8	LoTW	PM74dm			ARLD038
09/15/22		Minami Torishima	JD1 JA	JG8NQJ/JD1 JI3DST/5	OC-073	80-10m	C C S 8	JA8CJY dir LoTW	QL64xg PM74dm			DXW.Net
09/25/22 09/25/22	11/04/22 11/04/22	Japan Japan	JA	JJ5RBH	AS-200 AS-200	80-10m 80-10m	C S 8	LOTW	PM74dm			ARLD038 ARLD038
09/25/22	11/04/22	Japan	JA	JS6RRR/P	AS-200 AS-200	80-10m	C S 8	LoTW	PM74dm			ARLD038
10/27/22		Honduras	HR9	K6VHF/HR9	NA-057	80-10m	S C 8	K6VHF	EK66tj	1785		TDDX
10/2//22		Lituania	LY	LY770CT	14.7	80-10m	5 6 6	LY1CT, LoTW	KO15kg			ARLD033
09/01/22	10/31/22		ON	OR1050HERZ	"all"	"all"		bureau	J010wv			ARLD034
10/25/22	11/10/22	•	P29	P29R0	OC-240	160-6m	CSR8	DL4SVA LoTW	QI30pl			DL7VEE
10/25/22		Saba & Sint Eust	PJ5	PJ5/W5JON	NA-145	60-6m	S 8	LoTW or dir	FK871b		SSE	W5JON
09/23/22	10/02/22	Bermuda	VP9	SP9FIH/VP9	NA-005	30, 17-12m	S R 8	SP9FIH LoTW	FM72nh	743	SE	ARLD037
09/18/22	10/19/22	Dodecanese	SV5	SV5/LA60P	EU-001	40-4m	8 S	LoTW	J040ic	3901	NE	DXW.Net
11/23/22	12/04/22	Palau	T88	T88PB	OC-009	160-6m	C S	JA0JHQ	PJ77fi	8695	NW	DXW.Net
11/02/22	11/14/22	Palau	T88	T88WA	OC-009	160-6m	C S 8	LoTW	PJ77fi	8695	NW	DXW.Net
on now	10/31/22	Turkey	TA	TA3J/0	AS-099	80-10m	S C R 8	LoTW	KM38hw	5051	NE	ARLD028
on now		Costa Rica	TI	TI1GOAL		80-10m	S 8	TI1GOAL	EK80aa	2154		ARLD031
11/01/22		Central African R	TL8	TL8AA		160-6m	C S 8 R	I2YSB	JJ94gl			I2YSB
11/30/22		St Martin	T09	TO9W	NA-105	160-40m	160-10m	LoTW	FK881c			DXNews
11/02/22		Austral Is #76	TX5	TX5XG	OC-152	160-10m	C S R 8	JA1XGI	BG56go			ARLD027 DXW.Net
10/01/22 10/14/22	10/15/22	Marquesas Benin	TX7 TY	TX7G TY0RU	OC-027	80-10m 160-6m	C S 8 r C S 8	F6BCW LoTW	CI00lf JJ17bs			DXW.Net
10/14/22	11/29/22		TY	TY5AF		"all"	"all"	LOTW	JJ170S JJ16jm			ARLD036
10/21/22	10/23/22		V3	V3E	NA-123	80-10m	C S 8	IZ8CCW	EK56ox			TDDX
09/28/22	10/23/22		V5	V5/HB9BFM	NA 123	20m	Olivia	HB9BFM	JG87mi			TDDX
09/28/22	10/11/22		V5	V5/HB9BFM		20M	Olivia	HB9BFM	JG87mi			ARLD038
- , -,		MACQUARIE I #12	VK0	VK0MQ	AN-005	80-10m	8	Via M0OXO	QD951m			ARLD030
07/03/22		Australia	VK	VK75FAA	OC-001			VK2YVA	QF55jw			ARLD029
10/26/22	11/03/22	Cocos Keeling #81	VK9C	VK9CM	OC-003	80-10m	C S 8 R	EB7DX	NH87jt	10448	NNE	VK6VY
10/13/22	10/20/22	Montserrat	VP2	VP2MDA	NA-103	160-6m	C S 8 4	K5LDA	FK86vs	1758	SSE	TDDX
10/13/22	10/20/22	Montserrat	VP2	VP2MLB	NA-103	160-6m	C S 8 4	K7NM	FK86vs	1758	SSE	TDDX
10/13/22	10/20/22	Montserrat	VP2	VP2MOK	NA-103	160-6m	C S 8 4	WA5POK	FK86vs			TDDX
10/13/22		Montserrat	VP2	VP2MXH	NA-103	160-6m	C S 8 4	KD6XH	FK86vs			TDDX
10/13/22		Montserrat	VP2	VP2MYV	NA-103	160-6m	C S 8 4	KM4TYV	FK86vs			TDDX
10/13/22		Montserrat	VP2	VP2MZN	NA-103	160-6m	C S 8 4	AC7ZN	FK86vs			TDDX
10/20/22		Turks & Caicos Is	VP5	VP5DX	NA-002	160-10m	6 6	NU4Y	FL41ax			ARLD036
on now		Falkland Is.	VP8	VP8TAA	SA-002	40-15m	Sp8c	2E0KZN/M00X0				ARLD031
09/16/22	10/16/22	_	VQ9	VQ9SC	AF-006	160-10m	8 s	WB2REM dir	MI62eq	9386		WB2REM
09/17/22 09/17/22	10/02/22		YJ0	YJODA /P	0C-035	80-10m	S S	VK4MAP dir	RH42ah			DXW.Net
09/17/22	10/02/22	vanuatu	YJ0	YJ0DA/P	OC-111	80-10m	3	VK4MAP dir	RH43ge	8394	W	DXW.Net

			October			
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday 1
						CA QSO Party begins
2 CA QSO Party concludes	3	4	5 7:30pmARES digi net 145.170MHz; 8:30pmARES voice net 449.825MHz	6 7pm HCARC MEETING See page 3	7	8 NV, AZ, PA, SD QSO Parties begin
9 4 QSO Parties conclude	10	License Exam session tomorrow (by appointment)	7:30pmARES digi net 449.825MHz; 8:30pmARES voice net 145.870MHz	13	14	NY QSO Party begins
IL QSO Party. NY's concludes.	17	18	19 Ocean County ARES MEETING	20	21	22
23	24	25	7:30pmARES digi net 449.825MHz; 8:30pmARES voice net 145.870MHz	27	28	CQWW SSB Contest Begins
30 CQWW Contest Ends	31					

What Is A QSO Party?

Many USA states have QSO Parties.
They provide an easy, enjoyable route toward a
Worked All States certificate.
Here is a list of websites you should see for the ones in
October:

CA http://www.cqp.org/Rules.html NV http://nvqso.com/contest-rules/ AZ https://www.azqp.org/

PA http://paqso.org/pa-qso-party-rules.html

SD http://www.sdqsoparty.com/

NY http://www.nyqp.org/ IL https://w9awe.org/ilqp/

Sorry, but there are none in November, December or January, so if you want to try one, do it now.