

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

January 2022

Toms River, NJ

Our President's Message



December 12, 2021, marked the 120th year since the first wireless communication was made across the Atlantic Ocean. The signals originated from a spark transmitter in England to Newfoundland using Morse Code. There were only a few people involved in the event using very rudimentary equipment.

This event excited many people and through the 120 years the number of people and the improvements in technology have grown exponentially. Fortunately, Amateur Radio has been a part of and enjoyed this growth.

Even though our hobby has grown both in membership and in diverse technical interests, we face a plateau. Amateur Radio Operators are getting old and there seems to be a void in interesting younger people to participate in the hobby. It is up to us OM (old men) to stimulate enthusiasm for the younger generation. If this stimulation is successful we will enjoy another 120 years of our hobby and see the enrollment of our clubs increase.

-Doug Poray KC2TZC

Dues Are Due



The Duesy means our Treasurer, Larry Puccio wishes to remind our HCARC members that dues are expected at the January Meeting. Members who cannot attend may submit personal checks by mail to Larry Puccio, 22 Sabinas St, Toms River, NJ 08757. The annual rate is \$25, or \$30 for family membership.

VE News

VE News On Wednesday, December 8th the Holiday City ARC Volunteer Examiners held their VE session at the Holiday City South clubhouse at 6:30 PM.

The VEs in attendance were Steve Jackson, John Roberts, Stan Stafiej, Michael Larkin and Kevin Wagner. Larry Puccio is the Liaison member.

We had two candidates who took the Technician class test. Both passed the test and one of them said he was interested in joining our club. This candidate had held a novice class license in the 1970s and is very interested in getting on the air.

We encouraged both candidates to continue studying and pass the General class test

Larry Puccio K2QDY

OUR NEXT REGULAR MEETING:
Thursday January 6th at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News



January 2022

The Ocean County ARES Net Schedule, in general, is as follows:

The first Wednesday of the month;

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 second Wednesday of the month;

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

8:00 PM, 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 third Wednesday of the month;

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 fourth Wednesday of the month;

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

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

The fifth Wednesday of the month (If it should occur);

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

The 145.170 MHz repeater has a PL of 131.8, -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.

All ARES Voice Training Nets are wide FM. Anyone
checking in on C4FM are asked to change to FM Mode.

There are no training nets on the third Wednesday for
the months of February, April, June, August, October
and December because of ARES meetings, either in
person or Zoom.

I would like to wish everyone a Happy Holiday Season
and a healthy and prosperous New Year.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Our December Party

The HCARC December meeting was a success, as you can see by these photos.



Grace Puccio, Jeanne Poray, Harriet LeFevre



Kathleen & Ray Kozakiewicz NE2RD, Steve N2WLH & Christine Jackson

More photos on page 4



Anthony Manus KD2RBZ, Audrey



Larry Puccio K2QDY, Doug Poray KC2TZC

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcarc.us

President	Doug Poray	KC2TZC	732-928-2316
Vice Pres.	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	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

CLUB COMMITTEES

<u>Webmaster:</u>	Steve	N2WLH	N2WLH@yahoo.com
<u>Program Coord:</u>	(open)		
<u>Field Day:</u>	Larry	K2QDY	732-349-2950
<u>VE Sessions:</u>	Larry	K2QDY	732-349-2950
<u>Membership:</u>	Doug	KC2TZC	732-928-2316

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

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 the building that's nearest the street intersection.

The SKYHOOK is published monthly as the HCARC's official newsletter.

Editor and Publisher:

John Roberts [KQ4WR](#) 7 Lincoln Ct. Whiting, NJ 08759-1505
 e-mail KQ4WR@arrl.net 732 350-1162



John KQ4WR & son Thom Roberts, Mike Carson KC2OQF, Carl Lee W2PTZ, Stan Stefiej KB2PD



Candice & Mike Larkins WA2CWX

The Party photos are thanks to Carl LeFevre, WA2IQE.



8 Pages On 2 Sheets

Here's how to print an 8 page issue of SKYHOOK on 2 sheets of paper, using a simple ink-jet printer.

1. Display a page on a computer that has a printer.
2. Select the printer icon (near top of page).

You should then see something like this:

[illustration]

3. Select Copies = 1; Pages to Print = ALL; Paper Sizing and Handling = Booklet.
4. Select Booklet subset = Back side only; Sheets from = 1 to 2; Binding = Left .
5. Select Orientation = Portrait; Comments & Forms = Document.
6. Select Print.

The printer should produce a sheet with pages 5 & 6 printed side by side,

and a sheet with pages 2 & 7 printed side by side.

7. I'm assuming that your printer turned the sheet over during the printing process,

so now, without turning the sheet over or rotating it, place the 5 & 6 sheet in the paper feed tray.

8. Go back to the Print screen and again select Booklet.

9. This time, set Booklet subset = Front side only; Sheets from 2 to 2; Binding = Left.

10. Select Orientation = Portrait; Comments & Forms = Document.

11. Select Print.

The printer should now deliver a sheet with pages 3 to 6.

12. Put the sheet with pages 2 & 7 on it in the paper feed tray.

13. Repeat steps 8 to 11 except selecting "Sheets from 1 to 1" instead of "Sheets from 2 to 2".

The printer should deliver a sheet with pages 8 and 1 on the other side of the sheet that has pages 2 & 7.

14. Now, you should be able to fold the sheets and add a staple at the fold, to form the booklet.

With careful planning, you can likewise print up to 32 pages on 8 sheets.

Most staplers can only handle 8 sheets.

For N pages, where N is a multiple of 4, the centerfold is always pages N/2 and N/2+1.

Russ Young WA2VQV Report

(Using a 36 inch high Q loop antenna indoors:)

DATE	UTC	MODE	BAND	FREQ	CALLSIGN	ENTITY	IOTA	CONT	GRID	DIST	DIR
11/29/2021	1947Z	CW	17M	18073	PJ4/KU8E	BONAIRE	SA-006	SA	FK52vd	1900	SSE
12/08/2021	1507Z	CW	12M	24895	T09W	ST. MARTIN	NA-105	NA	FK88lc	1618	SSE
12/08/2021	1527Z	CW	15M	21022	OC200U	PERU	LIMA	SA	FH17lv	3525	S
12/09/2021	1736Z	CW	15M	21026	T09W	ST. MARTIN	NA-105	NA	FK88lc	1618	SSE

Larry Puccio K2QDY Report

DATE	TIME	FREQ	MODE	CALLSIGN	ENTITY	GRID	MILES	DIR
11/04/2021	01:14	3.509	CW	EW1W	Belarus	KO34	4500*	NE
11/04/2021	15:29	14.017	CW	SP40RY	Poland	JO73gk	4030	NE
11/04/2021	15:40	14.015	CW	GM0IFM	Orkney Islands	IO85hr	3302	NE
11/06/2021	15:50	14.015	CW	HA8QZ	Hungary	KN06qr	4521	NE
11/06/2021	16:03	14.016	CW	LY111A	Lithuania	KO15kg	4267	NE
11/08/2021	20:53	7.017	CW	OL725PLZ	Czech Republic	JO70gh	4127	NE
11/09/2021	22:30	14.006	CW	ZF2MJ	Cayman Is.	EK99ig	1490	SSW
11/10/2021	21:06	14.013	CW	OA1F	Peru	FI03bf	3250	S
11/10/2021	22:54	7.004	CW	SX2500S	Greece	KM18ua	4965	NE
11/10/2021	22:58	7.006	CW	M0UNN	England	IO83qn	3365	NE
11/10/2021	23:39	7.006	CW	DK4SG	Germany	JO58bp	3734	NE
11/12/2021	17:30	28.430	SSB	LU3DPM	Argentina	GF06	5200*	SSE
11/12/2021	17:32	28.447	SSB	LU1DX	Argentina	FF94nn	5281	S
11/12/2021	17:39	28.499	SSB	ZW5B	Brazil	GG54kl	4807	SSE
11/12/2021	17:41	28.495	SSB	LU5FC	Argentina	FF97nf	5100	SSE
11/12/2021	22:19	7.009	CW	HA3NU	Hungary	JN96ii	4428	NE
11/12/2021	22:26	7.012	CW	EF42C	Spain	IN80dj	3619	ENE
11/12/2021	23:12	7.007	CW	GW3YDX	Wales	IO82ls	3362	NE
11/20/2021	23:24	7.015	CW	VE9HF	Canada	FN65mu	549	NE
12/09/2021	21:54	7.003	CW	J42CPMV	Greece	KN10ll	4831	NE
12/09/2021	22:24	7.017	CW	IK4ALM	Italy	JN62	4300*	ENE
12/12/2021	22:37	7.014	CW	9A0YF	Croatia	JN75	4300*	NE
12/19/2021	16:21	14.005	CW	M0BZH	England	IO91	3500*	NE
12/19/2021	18:04	14.022	CW	PJ2/VA2WA	Curacao	FK52	1900*	S
12/19/2021	19:11	28.003	CW	SM6MCW	Sweden	JO68uk	3860	NE
12/19/2021	20:17	21.020	CW	XE2I	Mexico	DL44ud	2357	WSW
12/19/2021	22:56	7.006	CW	EI6AK	Ireland Cork	IO63dl	3163	NE
12/20/2021	15:02	14.004	CW	LZ1QI	Bulgaria	KN12pr	4755	NE
12/20/2021	15:09	14.008	CW	ON4TB	Belgium	JO20	3700*	NE
12/20/2021	16:35	14.018	CW	F6FJI	France	JN18	3700*	NE

* Estimated, not found in database

Some DX Opportunities

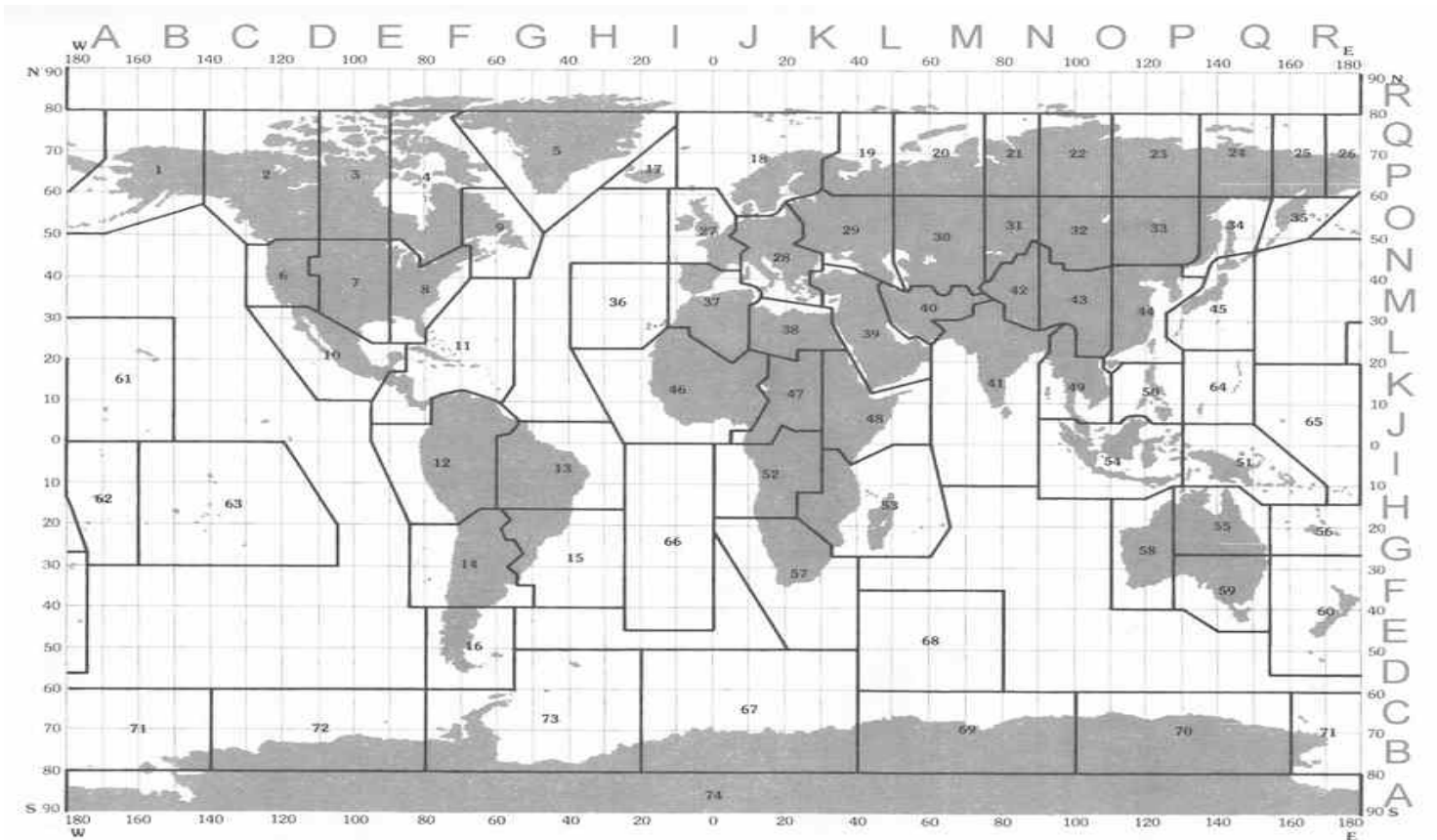
Listed in alphanumeric order of Callsign, which may not have the entity's usual prefix.

Mode codes: 8 = FT8, 9 = JT9, A = AM, C = CW, D = Digital, E = EME, R = RTTY, S = SSB, T = SSTV.

Bands: "Low" usually means 160, 80 & 40m. HF means 3 to 30 MHz (includes 80 to 10 meters).

Many thanks to NG3K, Wikipedia, Google Maps, the ARRL, the RSGB, DXWorld, DXNews & QRZ.com for the data.

FINISH	ENTITY	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	Miles	Dir	INFO
220127	Mauritius	3B8	3B8HH	AF-049	80-2m	C P R s	see QRZ.COM	LH80ta	9295	ENE	TDDX
230101	Guinea	3X	3X2021		160-6m		ClubLog,F1TMY	IJ39ea	4274	ESE	ARLD034
220331	Japan	JA	8J100CB	AS-007			bureau	QM05bo	6781	NNW	ARLD014
220430	Japan	JA	8N0J	AS-007			bureau	PM97cd	6729	NNW	ARLD005
221231	Japan	JA	8N1MORSE	AS-007			bureau	PM86tf	6794	NNW	ARLD016
220630	Japan	JA	8N1TAMA		160-.07m	C S F	bureau	PM95rp	6794	NNW	ARLD042
220103	Maldives	8Q	8Q7TR	AS-013	80-10m	S 8	OE1TRI	MJ63ko	8781	NE	TDDX
220701	Croatia	9A	9A302AA				9A2AA	JN85et	4352	NE	ARLD040
220315	Zambia	9J	9J2BG		20m		HB9EWU	KI40iq	7322	E	ARLD010
220131	Rep of Korea	HL	DS4DRE/4	AS-060	80-10m	C S	DS4DRE	PM34ig	7114	NNW	ARLD005
220120	St Martin	FS	FS/F8AAN	NA-105	40-6m	C	F8AAN	FK88lb	1655	SSE	DXW.Net
240501	Haiti	HH	HH2JA	NA-096	80-6m	C S 8	LoTW	FK38um	1487	S	ARLD021
220531	Columbia	HK	HK3JCL		20m	S	DK8LRF	FJ35aa	2415	S	ARLD035
220405	Honduras	HR5	HR5/F2JD		80-10m	C S D	F6AJA (B/d)	EK54kt	1957	SSW	TDDX
220101	Ogasawara	JD1	JD1BMH	AS-031	80-10m	C S R	JG7PSJ dir	QL07mm	7256	NNW	TDDX
220301	Finland	OH	OF60RR				OH8DR	KP20np	4156	NE	ARLD010
220201	Aruba	P4	P4/DL4MM	SA-036	160-30m	C 8 S	DL4MM	FK42xn	1911	S	DL4MM
220130	Aruba	P4	P40AA	SA-036	160m	C 8	DL4MM	FK42xn	1911	S	DL4MM
220206	Sint Maarten	PJ7	PJ7/VA3QSL	NA-105	40-6m	C S D	VA3QSL	FK88ka	1656	SSE	DXNews
220205	Poland	SP	SN0ZOSP				SP90DM	K002mg	4310	NE	ARLD009
220205	Poland	SP	SN100ZOSP				SP9PJ	K002mg	4310	NE	ARLD009
220201	Poland	SP	S039SYBIR		80-10m	C S D	SP4PZM	K013od	4354	NE	ARLD038
220201	Guadeloupe	FG	T06S	NA-114	80-10m	C S R 8	F6KJS dir	FK95eu	1831	SSE	F5LRL
220301	Namibia	V5	V51WH		80-10m		DK2WH	JG88ap	7171	ESE	ARLD045
220218	Montserrat	VP2M	VP2MDF		80-10m	C S	W2APF	FK86vs	1758	SSE	TDDX
220131	Antarctica	—	VP8/SQ1SGB		40m	S	EB7DX	HB74fk	8277	SSE	ARLD046



HCARC PLANS AHEAD

Recently, a few club members met at the Holiday City Diner for a luncheon. After discussing general amateur related and non-amateur related topics, the conversation focused on topics to be developed for the monthly meetings. Some great ideas were presented which included the following:

CW; ANTENNAS; PROPAGATION; OPERATING PROTOCOL; DIGITAL MODES; HOME BREW DEMOS; QRP; ARES; SHOW AND TELL; AMATEUR SOFTWARE; CONTESTING BASICS; DXpedition VIDEO; AMATEUR TV; AMATEUR TEST EQUIPMENT; TRANSMISSION LINES; MOBILE RADIO; QSL RECOGNITION; and GROUNDING AND BONDING

We need members to volunteer for implementing these programs. If you feel you can contribute to any of the above or any other area of amateur radio, contact me.

Our plan is to select a program two months in advance so the presenter will have plenty of time for preparation.

The program for January will be a discussion involving experienced amateurs and those people who are either new to the hobby or people who have questions about amateur radio. This discussion will be moderated by Carl LeFevre.

February's program will address QSL Recognition and will be presented by Larry Puccio.

I look forward to hearing from you on your thoughts and ideas.

73

Doug

dporay@optimum.net

Learning Morse

if you really want to learn Morse, figure that it will require two half hour sessions a day for a month at 20 words per minute. Learning a slower speed first has been found to make learning a more practical speed more difficult. The process of considering the sound of an individual character as dots and dashes, and then translating that into a character, requires too much mental energy to be of any use. But learning a character at 20 wpm is no more difficult than at 5wpm.

So, I suggest using the well-proven Koch Method, which begins at a speed at which each character's complete sound is directly associated with the whole character. You can download a good Koch Trainer program from our www.hcarc.us website. Look on the lower right corner of our main web page.

The first lesson is simply learning to identify the individual rhythms as characters by the brief pauses that separate them. Groups ("code words") of five randomly selected characters each are to be identified by using a dot on a sheet of paper for each character. When you can reliably produce a group of 5 dots from each word, you're ready for the next lesson.

You'll learn only one or two characters per lesson. The first few dozen characters you learn will be hardest ones. You'll need to practice them more than the common ones, so each lesson includes review of all previously learned characters, and only one or two new ones.

When you hear a character you know, you are to write it down, else you mark a dot instead, as before. Once you have learned two characters well, you are ready for the next lesson, but give yourself at least a few hours break.

Eventually, you will be able to instantly copy all 26 letters, 10 numerals, comma, period, slant, question mark, doubledash, and a few other "characters".

The newest Morse Character is the AT-sign ('@'), made necessary by the Internet, which is like an 'A' and a 'C' run together.

But now, are you still ready to learn Morse?

January						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			See full OC ARES & Skywarn schedule on page 2.			1 ARRL Kids Day 1:00PM-7:00PM arrl.org/kids-day
2	3	4	5 ARES Training Nets: Dig 7:30PM 145.170; Voice 8:30PM 449.825	6 HCARC Meeting 7:00 PM	7	8 RTTY Roundup Starts 1:00PM www.arrl.org
9 RTTY Roundup Continues to 6:59PM	10	11 License Exams Tomorrow by appointment *	12 ARES Training Nets: Dig. 7:30PM 449.825; Voice 8:30PM 145.170	13	14 VHF Contest starts 2:00PM Tomorrow www.arrl.org	15 North American QSO Party CW starts 1:00PM ncjweb.com
16 QSO Party ends 12:59AM; VHF Contest ends 10:59PM	17	18	19 ARES Training Nets: Dig 7:30PM 145.170; Voice 8:30PM 449.825	20	21	22 North American QSO Party Ph starts 1:00PM ncjweb.com
23 QSO Party continues to 12:59AM	24	25	26 ARES Training Nets: Dig 7:30PM 449.825; Voice 8:30PM 145.170	27	28	29
30	31		* Call Larry Puccio K2QDY (see page 3) for lic. test appoint			

A Thank You To Our Contributors

Here's a special word of thanks to those who have sent in material for this newsletter, namely,

Doug Poray KC2TZC

Larry Puccio K2QDY

Bob Murdock WX2NJ

Carl LeFevre WA2IQE

Russ Young WA2QVQ