



# The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

[www.hcarc.us](http://www.hcarc.us)

August 2020

Toms River, NJ

## The HCARC President's Message



I hope everyone is staying cool during this heat wave. A good time to catch up on shack chores and play radio although the bands have not been very good.

We will be having another Zoom meeting on Aug 6th at 7 PM. If you are not familiar with zoom and how to set it up please email me and we will set you up.

You can use a desk top, laptop or smart phone to get on the meeting. A laptop or smart phone are best as they have a camera and audio all set up.

The program for the meeting will be on DX Clusters. Larry K2QDY and I will be leading. So bring your questions and we will get you up and running.

73,

Carl w2ptz

## July 2020 VE Session



The Holiday City ARC held its July VE testing session on Wednesday July 8<sup>th</sup> 2020 at the Whispering Pines Park located here in Berkeley Township, New Jersey. The park has a pavilion with picnic tables. There were three candidates and four VE's. The candidates sat at their own tables and the VE's sat across from the candidates.

One of the candidates passed the Technician grade test and the general class test as well.

The candidates were:

Andrew Rayment => Tech => General KD2UFT

Brandon Mickley => Tech KD2UFS

Jason Spiecker => Tech KD2UFR

The session lasted approximately one hour.

The VE's were

Stan Stafiej KB2PD Extra class license

Steve Jackson N2WLH Extra class license

Tony Kuzinski KD2GSO Extra class license

Larry Puccio K2QDY Extra class license

## Happy Birthday To:

Larry Loscalzo WA2VLR

Dave Ottenberg WA2DJN

John Perry KD2NDY

James Punderson W2QO

Christine Jackson



## Happy Anniversary To:

James and Sarah Punderson

Stan and Marjorie Stafiej



**OUR NEXT ZOOM MEETING:  
Thursday August 6 at 7:00 PM**

**Due to the Pandemic, our in-person meetings have been replaced by virtual meetings on-line.**

**Call Carl Lee (see page 3 column 2) for information.**

## Ocean County ARES® News

– August, 2020

The next meeting of Ocean County ARES will be a Zoom meeting on Wednesday, August 19th at 7:00 PM. Meeting codes will be sent via Groups.io a day or two before the meeting.

Ocean County ARES will be holding VE sessions in accordance with our published website schedule starting in July. Social Distancing rules are in effect and masks are to be utilized. The Ocean County EOC is large enough to adequately space operators apart for testing. Contact N2LD, Lead VE, if you are interested in taking an exam.

The Ocean County NVIS Team, NJ2N, KB2RUV and KD2FFR, continue to test each weekend on 80 and 40 meters. They have now moved out of Ocean County and are travelling throughout SNJ.

The KC2QVT repeater in Tabernacle (Burlington County) is now operational on C4FM for the SCERN in SNJ. The output frequency is 445.33125 MHz with an input of 440.33125 MHz. It is ONLY operational for C4FM and not FM, so no PL is listed.

From the July 16, 2020 ARRL Letter:

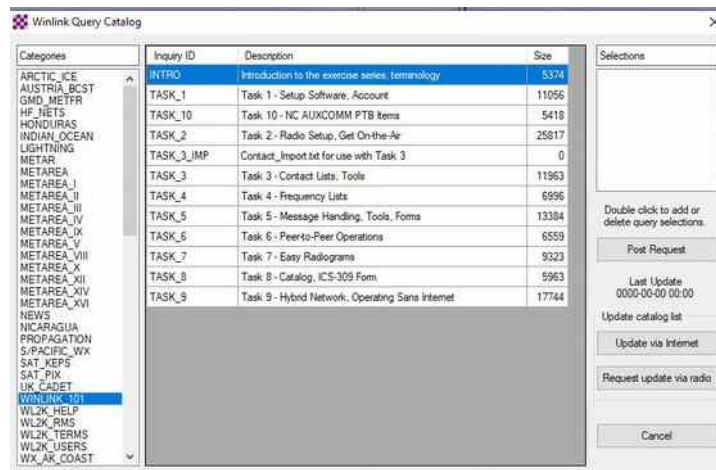
The first DX Engineering (DXE) Virtual Hamfest and DX Academy takes place on Saturday, July 25, Both virtual events are free. Register for the Zoom platform presentations or watch live on the DXE YouTube channel. The DXE hamfest starts at 9 AM. The DX Academy starts at 1 PM. Visit the DXE Facebook page or On All Bands blog for more information.

You can now submit a USGS earthquake response form directly from Winlink Express. Open a new message, click on template and under USGS, highlight USGS DYFI.txt, then click on select. Your web browser will open to a USGS form. Complete the form and click on submit on the bottom. Follow the directions for submitting any Winlink message by posting to your outbox and open any session to transmit.

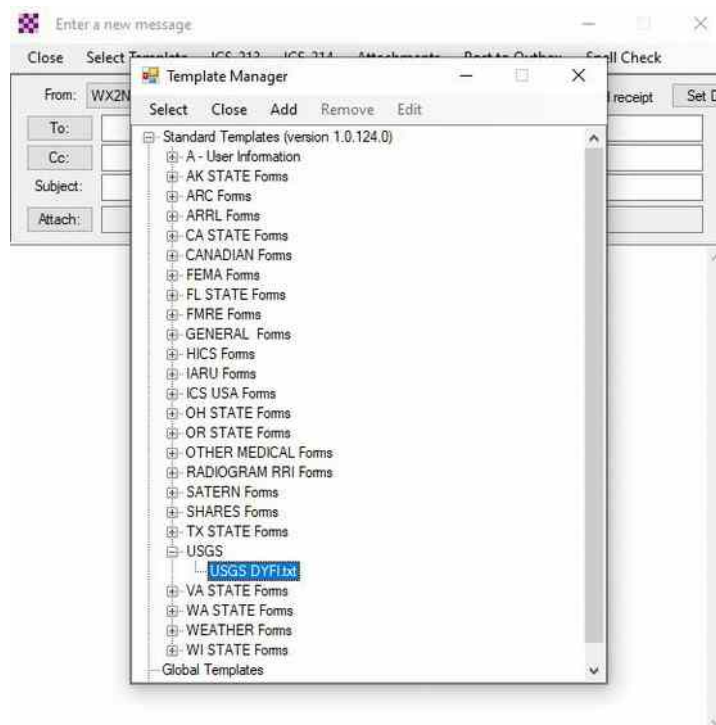
Winlink Express is always available as a download at:

<https://downloads.winlink.org/User%20Programs/>

I encourage every ARES operator to have Winlink Express installed on their PC and as a minimum, use it in the Telnet mode. Winlink catalog requests will be sent to you just for asking. The image below is an example of catalog requests for learning Winlink.



*Example of catalog requests for learning Winlink*



*USGS Earthquake Response Form*

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

## Antennas And Grounds

by John Roberts, KQ4WR

Every good ham station has to have at least one good antenna, and if it's an outdoor antenna, there must be a ground system sufficient to withstand a thunderstorm.

I had a next door neighbor who I saw putting a TV antenna atop his house. He was very safety-minded about most things, but I noted that the antenna was the highest thing in the immediate neighborhood and it didn't have ground wire of any kind!

As a good neighbor and friend, I cautioned him about including at least some lightning protection. He said he'd take his chances.

About a week later we had a thunderstorm, and he ended up with a burned-out TV set and burn spot in his living room floor.

So what should he have done?

Well, let's consider ham antennas. Maybe a wire from the house to a big tree sounds like a good idea. But what if the tree gets struck by lightning?

(Or if the wind blows it down, will the wire pull too hard on the house? But that's another consideration.)

So what do you need to protect your station (and home) from lightning? When you consider any outdoor antenna, start with the lightning ground system.

Please, before considering putting up any antenna, read the three-part article by KB2UYT in the June, July and August 2002 issues of QST:

<http://www.arrl.org/lightning-protection>

or W5BWC's fine article:

<https://www.bwcelectronics.com/articles/WP30A190.pdf>

You'll be glad you did. That's better than some day being sorry you did

### Our VE Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,  
Urb [W1UL](#), John [KQ4WR](#), Stan [KB2P](#), Steve [N2WLH](#),  
Larry [WA2VLR](#), Tony [KD2GSO](#).

*License exams are given by appointment at 7:00pm on the second Wednesday of each month 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.*

### CLUB COMMITTEES

**Refreshments:** Marge [KD2LNT](#) pearl1122@comcast.net  
**Webmaster:** Steve [N2WLH](#) N2WLH@yahoo.com  
**Programs:** (open)  
**Sunshine:** Dave [WA2DJN](#) WA2DJN3@verizon.net  
**Field Day:** Larry [K2QDY](#) 732-349-2950  
**VE Sessions:** Larry [K2QDY](#) 732-349-2950  
**Membership:** Doug [KC2TZC](#) 732-928-2316

### Holiday City Amateur Radio Club

Toms River, New Jersey  
Web Site [www.hcArc.us](http://www.hcArc.us)

<b>President</b>	<b>Carl Lee</b>	<a href="#">W2PTZ</a>	732 575-7558
<b>Vice President</b>	<b>Billy Locke</b>	<a href="#">KD2MHA</a>	732 281-0151
<b>Secretary</b>	<b>John Perry</b>	<a href="#">KD2NDY</a>	732-349-2705
<b>Treasurer</b>	<b>Larry Puccio</b>	<a href="#">K2QDY</a>	732-349-2950
<b>Executive Board</b>	<b>Doug Poray</b>	<a href="#">KC2TZC</a>	732-928-2316
<b>Executive Board</b>	<b>John Roberts</b>	<a href="#">KQ4WR</a>	732-966 4665
<b>W2HC Trustee</b>	<b>Larry Puccio</b>	<a href="#">K2QDY</a>	732-349-2950

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

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

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

**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 nearest the street corner.

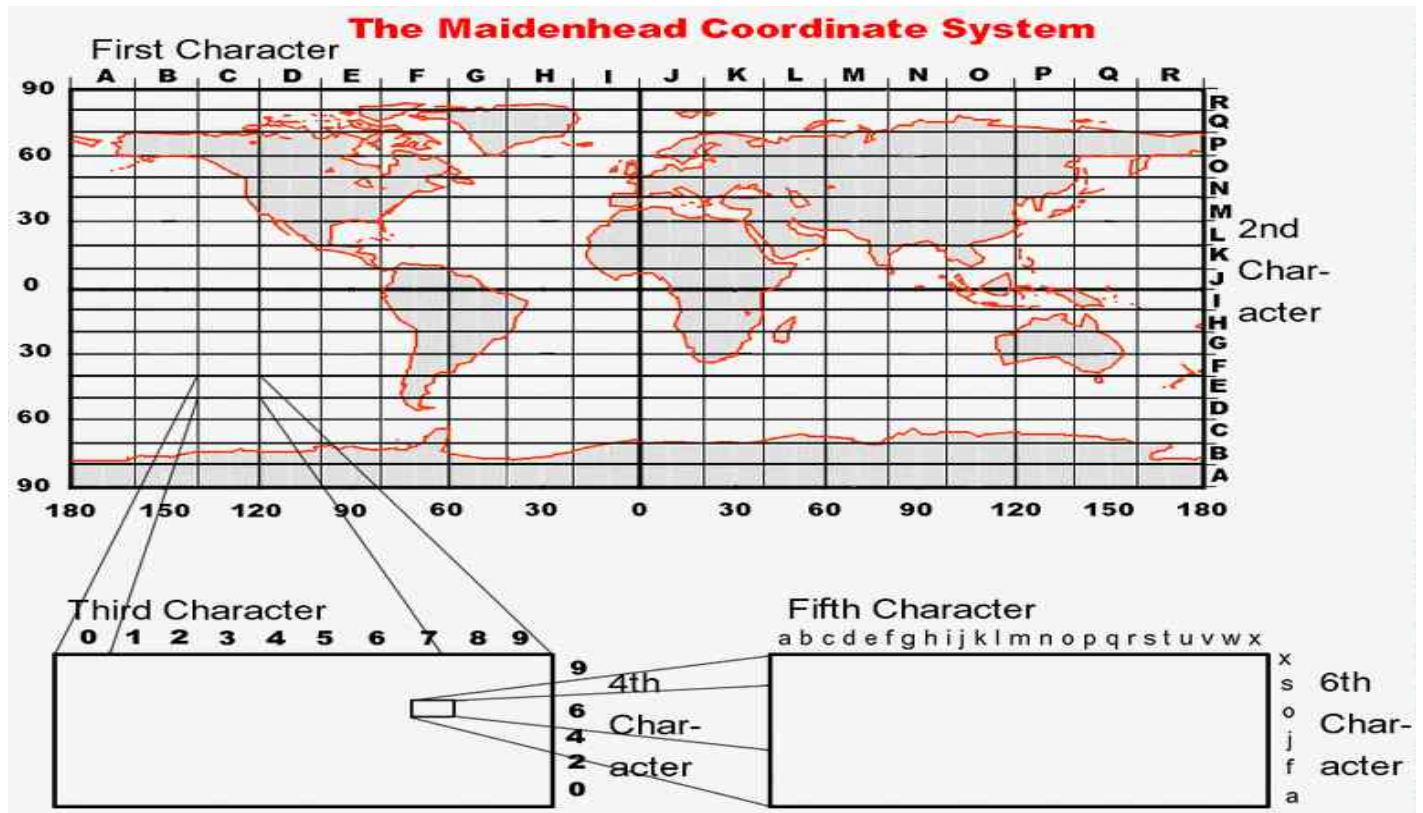
The SKYHOOK is published monthly as the HCARC's official newsletter.  
Editor and Publisher:

John Roberts [KQ4WR](#) 7 Lincoln Ct. Whiting, NJ 08759-1505  
e-mail [KQ4WR@arrl.net](mailto:KQ4WR@arrl.net) 732 966 4665

**DX by Larry Puccio K2QDY**

DATE	TIME	FREQ	MODE	CALL	ENTITY	LOC	MILES	DIR
7/03/2020	22:51	7.215	SSB	K2C	13 Colonies	GA		
7/03/2020	22:54	7.028	CW	K2E	13 Colonies	DE		
7/03/2020	23:02	7.27	SSB	K2J	13 Colonies	NC		
7/04/2020	01:27	7.207	SSB	K2B	13 Colonies	VA		
7/04/2020	21:42	7.034	CW	K2D	13 Colonies	CT		
7/05/2020	23:11	7.199	SSB	K2H	13 Colonies	MA		
7/05/2020	23:26	7.179	SSB	K2C	13 Colonies	GA		
7/06/2020	00:24	3.99	SSB	WM3PEN	Holmesburg ARC	-Phila.		
7/06/2020	00:35	10.107	CW	K2G	13 Colonies	GA		
7/06/2020	21:51	7.027	CW	K2K	13 Colonies	NH		
7/06/2020	22:24	7.028	CW	K2G	13 Colonies	GA		
7/11/2020	01:06	3.535	CW	KC2IGE	Massapequa Park,	NY		
7/11/2020	17:03	14.235	SSB	WP3R	Puerto Rico	FK68vm	1557	SSE
7/11/2020	17:06	14.275	SSB	GR2HQ	England	I091wm	3506	NE
7/11/2020	17:10	14.27	SSB	NP4ET	Puerto Rico	FK68vm	1557	SSE
7/11/2020	17:16	14.226	SSB	K1MM	Orlando, FL			
7/11/2020	17:19	14.2	SSB	WA5FWC	Venus, TX			
7/11/2020	17:25	14.205	SSB	TI2CC	Costa Rica	EK80aa	2154	SSW
7/11/2020	17:30	14.217	SSB	S50QQ	Slovenia	JN76hc	4269	NE
7/11/2020	17:35	14.262	SSB	K4AB	Hazel Green, AL*			
7/11/2020	17:36	14.274	SSB	W1AW	ARRL HQ Opers Club	-CT		
7/11/2020	17:40	14.338	SSB	OL0HQ	Czech Republic	J070ec	4127	NE
7/11/2020	17:42	14.255	SSB	PY4JW	Brazil	GG87ja	4789	SSE
7/11/2020	22:58	7.191	SSB	I02HQ	Italy	JN62ma	4343	ENE
7/11/2020	23:00	7.184	SSB	GR2HQ	England	I091wm	3506	NE
7/11/2020	23:02	7.161	SSB	OL0HQ	Czech Republic	J070ec	4127	NE
7/11/2020	23:06	7.158	SSB	EF4HQ	Spain	IN80dj	3620	ENE
7/11/2020	23:08	7.152	SSB	US1Q	Ukraine	K050mm	4732	NE
7/11/2020	23:11	28.012	CW	I09HQ	Italy	JN62ma	4343	ENE
7/11/2020	23:13	28.01	CW	TM0HQ	France	JN18dt	3669	NE
7/11/2020	23:17	28.017	CW	OL0HQ	Czech Republic	J070ec	4127	NE
7/11/2020	23:19	28.016	CW	VE9RAC	Ottawa, ON, Canada	FN76aa	592	NE

[Hazel Green, a suburb of Huntsville, was named in honor of a champion dairy cow - Ed]



In alphanumeric order of Callsign

*Italics if over 6000 miles*

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

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

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

START	FINISH	ENTITY	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	Miles	Dir	Info by
Jul 29	Aug 15	Uganda	5X1RI		80-10m	C S 8	LoTW	KJ60gi	7090	E	TDDX
	Dec 31	Japan	8N1ABIKO	AS-007			bureau	QM05au	6766	NNW	ARLB027
Aug 08	Sep 15	Ghana	9G5GS		80-10m	S	LoTW	IJ95vm	5132	E	DXNews
Mar 01	Nov 01	Tonga	A35JP	OC-049	160-6m	C S 8	JA0RQV	AG29ma	7693	W	TDDX
	unk	Switzerland	HB15SOTA				per opr	JN37ma	3920	NE	ARLD027
	Dec 31	Czech Repub	OL30DXC		80-6	C S D	'	J070ec	4127	NE	'
Aug 02	Aug 07	Aruba	P4/KM4VI	SA-036	80-10m	S	LoTW	FK52am	1915	S	DXNews
Aug 02	Aug 08	Aruba	P4/NY4P	SA-036	80-20m	S	LoTW	FK52am	1915	S	TDDX
	unk	Antarctica	RI1ANM	AN-016	40-20m	8	RX3ABI	NC63mk	10540	S	ARLB027
Mar 02	Dec 31	Afghanistan	T6AA		160-10m		S53R	MM44nm	6790	NNE	TDDX
	unk	Corsica	TK4VQO	EU-014	160-6m	C S	DL8UW	JN411r	4168	ENE	ARLB027
Mar 07	unk	St. Martin	T00A	NA-105			LoTW	FK881b	1655	SSE	TDDX
Aug 22	Sep 05	St Kitts &N	V47JA	NA-104	160-6m	S 8	LoTW	FK87pg	1713	SSE	W5JON
	Aug 31	Australia	VI50AWS				'	PG50aa	10912	WNW	'
Aug 27	Sep 07	Easter I	XR0YHM	SA-001	80-10m	S D	LoTW, DK2HM	DG52hv	5158	SSW	TDDX
Jul 30	Nov 30	Iraq	YI/IU5HWS		40-10m		IU5HWS Dir	LM23aa	6041	NE	DXNews
Jul 01	Jul 31	Vanuatu	YJ40IND	OC-035	40-15m	S 8 C	TBA	RH43am	8407	W	TDDX
	Dec 31	Serbia	YU2020IARU				'	KN04gv	4557	NE	ARLB

<b>August</b>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6 HCARC ZOOM 7:00PM	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

**75 Years Ago**

**FCC License Exams**

July 16 The first atomic bomb ever made was tested in New Mexico. It was a big “fat man” design fueled with uranium.

August 06 Hiroshima, a large city in Japan, was destroyed by one A-bomb. This was the first plutonium bomb ever, and also the first of the more compact “little boy” design.

Aug 09 Nagasaki, another large city in Japan, was destroyed by the second uranium bomb ever built. It was a “fat man” design similar to the one tested in New Mexico only 24 days earlier.

Sep 02 “VJ Day” Japan finally surrendered, ending the Second World War.

Yes, we still give FCC Amateur Radio License exams, but in the park, rather than indoors. If you are interested in taking a test, or joining our crew of Volunteer Examiners, call Larry Puccio, K2QDY, 732-349-2950.