

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

November 2021

Toms River, NJ

HCARC Election Of Officers

According to Article 5 of our club's constitution, we should have had election of officers in October.

President Michael Carson has stepped down, and Carl Lee declined to run for another year.

At a special meeting of Larry Puccio, Doug Poray, John Perry, and John Roberts, the following slate was proposed:

President Doug Poray, KC2TZC

Vice Pres Steve Jackson, N2WLH

Secretary John Perry, KD2NDY

Treasurer Larry Puccio, K2QDY

Members John Roberts, KQ4WR

If there are no other candidates or objections, they will be elected at the November Meeting.

Happy Birthday To:

Margaret Penn KD2LNT
Doug Poray KC2TZC



Ocean County ARES® News

November 2021

Here is an idea for a 12 VDC Ham Radio Emergency Power Supply using a portable tool battery. There are many designs and voltages, but for this project I chose an EGO 56 volt battery. Battery adapter plates are available from eBay and Amazon and are designed for just about every battery made. This project uses a design that fits all EGO 56 volt units in 2.5, 5.0, 7.5 and 10.0 amp-hour sizes.

An inexpensive DROK buck voltage regulator board is

the heart of the project and easily converts the 56 VDC to 13.8 VDC at 12 amps max. The board contains a small cooling fan, but I added a much larger fan and fan control and can be switched depending on load.

A heavy duty input switch was also added to completely isolate the battery when it is connected to avoid any drain.



Bottom of box with EGO 2.5 amp-hour 56 volt battery

PARTS LIST

1. Battery adapter for EGO 56 V 10 Gauge 2 ft Lithium Output Dock Power Connector
2. DC Buck Converter, DROK DC to DC step down power supply module. 10 to 65 volt input. 0 to 60 volt output. 0 to 12 amp adjustable voltage regulator transformer board with LED display.
3. Gratory junction box, hinged cover, stainless steel latch, IP67 waterproof plastic enclosure.

OUR NEXT REGULAR MEETING:

November 4th at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ



Interior view. Cooling fan blows air down into box.

includes mounting plate. 11.4" x 7.5" x 5.5"

4. Briidea Battery Switch, 12V to 48V battery disconnect, master cutoff switch for RV, ATV, Car, Marine (ON/OFF).
5. 72 mm axial fan, 12 VDC with two grills.
6. 33 ohm, 5 watt power resistor
7. ON/OFF/ON DPDT Heavy Duty switch

The designs for this type of device are unlimited. Use what you have available and customize for your own use. This is just one design which suited my needs and parts that I had available. Put your thinking cap on and good luck!

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

VE News

On Wednesday October 13th 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, and Stan Stafiej. Larry Puccio is the Liaison member.

We had one candidate, who was a first year high school student and he passed the Technician class test. He told us he is very interested in getting on the air and will be back next session to take the general class test.

-- Larry Puccio K2QDY

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcarc.us

President	Mike Carson	K2OQF	917-830-4225
Vice President	Carl Lee	W2PTZ	732-575-7558
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Doug Poray	KC2TZC	732-928-2316
Executive Board	John Roberts	KQ4WR	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

CLUB COMMITTEES

<i>Refreshments:</i>	Marge	KD2LNT	pearl1122@comcast.net
<i>Webmaster:</i>	Steve	N2WLH	N2WLH@yahoo.com
<i>Programs:</i>	(open)		
<i>Sunshine:</i>	(open)		
<i>Field Day:</i>	Larry	K2QDY	732-349-2950
<i>VE Sessions:</i>	Larry	K2QDY	732-349-2950
<i>Membership:</i>	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, at 7:00 pm, except in 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](http://www.hcarc.us) 7 Lincoln Ct. Whiting, NJ 08759-1505
e-mail KQ4WR@arrl.net 732 350-1162

Kevin Wagner W2FA Worked:

CALL	QSO START	RX FREQ	BAND	MODE	PWR	DXCC	ENTITY	LOC	MILES	DIR
S57DX	2021-09-14 16:59:15	14.23900	20M	USB	75	Slovenia		JN75dw	5041	NE
HP3SS	2021-09-14 19:28:08	18.13600	17M	USB	75	Panama		EJ88qs	1404	S
OT4A	2021-09-15 15:35:50	14.19530	20M	USB	100	Belgium		JO21sd	4540	NE
W6H	2021-09-19 14:51:53	18.14400	17M	USB	100	United States		CM97fa	2402	WNW
N5ZC	2021-09-19 15:04:15	14.27700	20M	USB	100	United States		DM95cb	1292	WNW
AG8M	2021-09-21 15:48:15	14.07502	20m	FT8	50	United States		DM33wq	1866	WNW
UW5EJX/MM	2021-09-21 16:03:30	18.10024	17m	FT8	50	Ukraine		FN65we	1377	NNE
KA8EDE	2021-09-21 20:09:00	7.07435	40m	FT8	50	United States		EM89ap	755	NNW
S52D	2021-09-30 16:49:15	21.07443	15m	FT8	50	Slovenia		JN76fb	5044	NE
OM0AAJ	2021-09-30 16:51:00	21.07443	15m	FT8	50	Slovak Republic		KN09aa	5190	NE
ON7AN	2021-09-30 16:52:30	21.07443	15m	FT8	50	Belgium		JO20ek	4504	NE
IK2WRV	2021-09-30 16:54:00	21.07443	15m	FT8	50	Italy		JN45mn	4817	NE
HB3YFC	2021-09-30 16:55:30	21.07443	15m	FT8	50	Switzerland		JN37ug	4716	NE
HA1RB	2021-09-30 17:00:15	21.07503	15m	FT8	50	Hungary		JN86ku	5125	NE
W5BCA	2021-09-30 17:13:30	14.07498	20m	FT8	50	United States		EL29ds	894	W
K9XP	2021-09-30 17:20:15	14.07498	20m	FT8	50	United States		EN51ut	977	NNW
KI5KEE	2021-09-30 17:23:00	14.07498	20m	FT8	50	United States		EM23fp	922	WNW
DK8WQ	2021-09-30 17:33:00	14.07483	20m	FT8	50	Germany, FR of		JO40ji	4692	NE
OE3UKW	2021-09-30 19:32:00	14.07400	40m	FT8	50	Austria		JN88hj	5069	NE
HA1ZW	2021-09-30 19:48:15	14.07524	20m	FT8	50	Hungary		JN86jt	5123	NE
5Q0X	2021-09-30 19:52:45	14.07483	20m	FT8	50	Denmark		JO54xr	4716	NE
TI200I	2021-09-30 20:06:54	14.20500	20M	USB	200	Costa Rica		EJ79xw	1335	S
FY5KE	2021-09-30 20:07:47	28.48500	10M	USB	200	French Guiana		GJ35qd	2477	SE
CT3IQ	2021-09-30 20:19:34	18.14200	17M	USB	200	Madeira Islands		IM12or	3753	ENE
IZ6BXV	2021-09-30 20:24:30	14.24500	20M	USB	200	Italy		JN62ks	5067	NE
VP2EIH	2021-09-30 20:34:58	21.31700	15M	USB	200	Anguilla		FK88lf	1351	ESE
MI0TIP	2021-10-01 19:52:33	14.18000	20M	USB	150	Northern Ireland		IO74cr	4028	NE
EA7GX	2021-10-01 20:02:51	14.21400	20M	USB	150	Spain		IM76he	4315	ENE
OE120XGM	2021-10-01 20:05:29	14.28500	20M	USB	150	Austria		JN77nm	5031	NE
OT8M	2021-10-01 20:07:03	14.25800	20M	USB	150	Belgium		JO20or	4534	NE
PY5QW	2021-10-01 20:49:49	28.52000	10M	USB	150	Brazil		GG54fo	4299	SSE
IU1NKS	2021-10-01 20:57:32	14.26890	20M	USB	150	Italy		JN44dj	4812	NE
EC5K	2021-10-01 21:00:14	21.25400	15M	USB	150	Spain		IM99ri	4500	ENE
G6AD	2021-10-01 21:02:10	18.16000	17M	USB	150	England		IO92gl	4227	NE
LB7PI	2021-10-08 15:49:41	21.30320	15M	USB	100	Norway		JO59jv	4562	NNE
F4ARU	2021-10-08 16:07:49	21.28700	15M	USB	100	France		JN03mm	4491	NE
G4VZR	2021-10-08 16:13:53	21.30710	15M	USB	100	England		IO81uq	4203	NE
FM4SA	2021-10-08 16:46:33	21.27500	15M	USB	100	Martinique		FK94lo	1612	SE
TF3T	2021-10-09 19:28:57	14.27700	20M	USB	150	Iceland		HP93lu	3527	NNE
YT8WW	2021-10-09 19:37:34	14.23400	20M	USB	150	Serbia		JN93sx	5331	NE
OZ4EDR	2021-10-09 19:42:29	14.29600	20M	USB	150	Denmark		JO75ic	4809	NE
HB9CVQ	2021-10-09 19:46:45	18.16500	17M	USB	150	Switzerland		JN47ei	4744	NE
SK6HD	2021-10-09 19:54:00	14.17300	20M	USB	150	Sweden		JO68sd	4693	NE
HG5D	2021-10-10 15:53:02	21.08785	15M	RTTY-L	150	Hungary		KN06qr	5319	NE

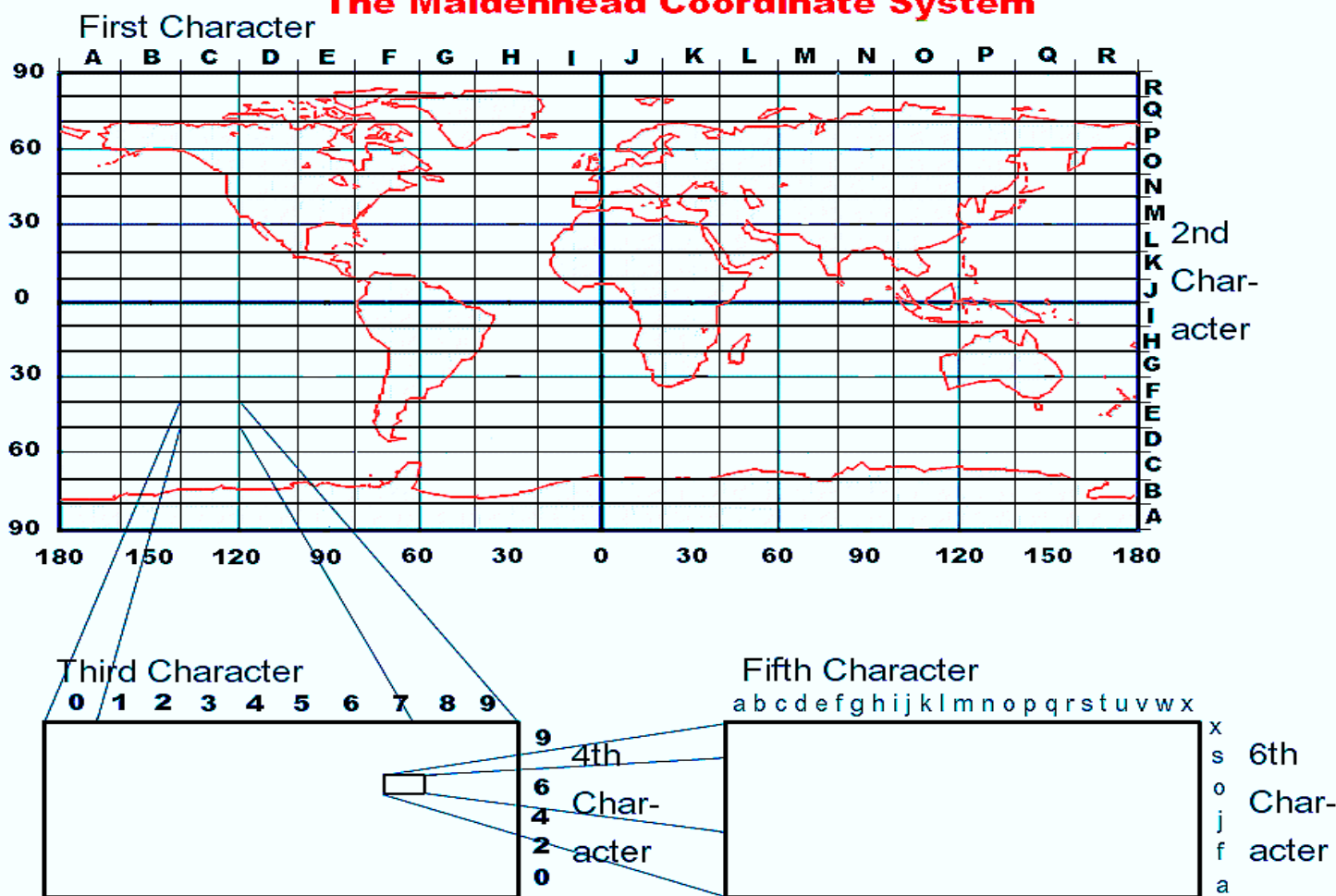
Larry Puccio K2QDY Worked

DATE	TIME	FREQ	MODE	CALL	ENTITY	LOC	MILES	DIR
9/08/21	21:05	14.017	CW	LZ1QI	Bulgaria	KN12	4757	NE
9/08/21	22:02	14.029	CW	5Z4VJ	Kenya	KI88	7433	ENE
9/10/21	20:27	14.022	CW	IU0HMB	Italy	JN52	4343	ENE
9/10/21	20:37	14.014	CW	IK7XJA	Italy	JN90	4637	NE
9/10/21	20:53	14.010	CW	G4IWO	England	I093	3402	NE
9/10/21	20:59	14.024	CW	EA3HSO	Spain	JN11	3874	ENE
9/10/21	21:16	14.024	CW	TZ4AM	Mali	IK52	4333	E
10/01/21	21:13	14.024	CW	LZ1337KM	Bulgaria	KN22	4815	NE
10/02/21	01:26	7.008	CW	404T	Montenegro	JN92	4600	NE
10/02/21	01:29	7.018	CW	OP5K	Belgium	JO20	3704	NE
10/03/21	20:38	14.022	CW	DL6FA	Germany	JO40	3876	NE
10/03/21	20:41	14.022	CW	G3RGD	England	I091	3506	NE
10/03/21	21:05	14.014	CW	OK2PVR	Czech_Rep	JO70	4127	NE
10/03/21	21:11	14.011	CW	LZ3FA	Bulgaria	KN22	4815	NE
10/03/21	21:16	14.012	CW	II2PHIL	Italy	JN45	4023	ENE
10/03/21	23:26	14.014	CW	JT1CO	Mongolia	OO20	6223	N
10/10/21	17:54	28.015	CW	PP5RT	Brazil	GG52	4950	SSE
10/10/21	18:00	28.098	CW	LW3DG	Argentina	GF05	5260	SSE
10/10/21	18:17	28.098	CW	PY40T	Brazil	GG67	4669	SSE
10/10/21	18:26	28.036	CW	CT1ILT	Portugal	IM50	3326	ENE
10/10/21	18:30	28.018	CW	OX3XR	Greenland	GP44	1852	NNE
10/16/21	18:10	14.031	CW	DP8D	Germany	JO31	3768	NE
10/16/21	18:11	14.028	CW	DP4E	Germany	JO32	3743	NE
10/16/21	18:18	14.013	CW	DH7KU	Germany	JN58	4016	NE
10/16/21	23:21	7.032	CW	DL1YPF	Germany	JN58	4016	NE
10/16/21	23:24	7.012	CW	DK9PY	Germany	JN39	3821	NE
10/16/21	23:29	7.020	CW	DL9SCO	Germany	JN58	4016	NE
10/20/21	14:38	14.009	CW	SM40TI	Sweden	JP70	3830	NE
10/20/21	17:06	14.014	CW	OV1CDX	Denmark	JO55	3820	NE

Russ Young WA2VQV Worked

DATE	UTC	MODE	FREQ	CALLSIGN	ENTITY	GRID	DIST	DIRECTION
10/3/2021	1928Z	CW	14025	S9OK	SAO TOME` - AF-023	JJ30hj	5773	E
10/4/2021	2350Z	CW	14020	TG200I	GUATEMALA	EK44mv	1908	SW
10/7/2021	2023Z	CW	14027.8	E77DX	BOSNIA-HERZEGOVINA	JN84ix	4487	NE
10/8/2021	1814Z	CW	21025	3DA0RU	KINGDOM OF ESWATINI	KG53pk	8204	ESE
10/9/2021	1535Z	CW	21024.1	4U1GSC	UNITED NATIONS ARC - ITA	JN80xp	4700	NE
10/9/2021	1557Z	CW	18069	PJ4NA	BONAIRE - SA-006	FK52vd	1900	SSE
10/10/2021	1904Z	CW	18079	S9OK	SAO TOME` - AF-023	JJ30hj	5773	E
10/11/2021	1514Z	CW	21025	S9OK	SAO TOME` - AF-023	JJ30hj	5773	E
10/13/2021	1831Z	CW	14014.1	LZ1337KM	BULGARIA	KN22dq	4891	NE
10/13/2021	1849z	CW	14008.9	SX2MZ	GREECE	KN00pq	4842	NE
10/13/2021	1909Z	CW	18068	J5T	GUINEA-BISSAU - AF-020	IK22fa	4086	E
10/15/2021	1852Z	CW	18079.5	3DA0RU	KINGDOM OF ESWATINI	KG53pk	8204	ESE
10/16/2021	1254Z	CW	21017	II2PHIL	ITALY - PHILATELIC EVENT	JN45on	4150	NE
10/16/2021	2043Z	CW	14017	5T1GM	MAURITANIA - AF-050	IK28aa	3817	E
10/16/2021	2242Z	CW	10104	PJ4NA	BONAIRE - SA-006	FK52vd	1900	SSE
10/17/2021	0337Z	CW	10113	J5T	GUINEA-BISSAU - AF-020	IK22fa	4086	E
10/17/2021	1525Z	CW	18080.4	SM5CAK	LARS -MOTALA, SWEDEN	J078ln	3994	NE
10/17/2021	1543Z	CW	14011	UT5UJO	KYIV, UKRAINE	K050dq	4794	NE
10/17/2021	1802Z	CW	14014	E78A	BOSNIA-HERZEGOVINA	JN83sx	4559	NE

The Maidenhead Coordinate System



“Zulu” Time Conversion**From Michael Carson:**

UTC	EDT	EST CDT
00 nn Z	8 :nn PM	7 :nn PM
01 nn Z	9 :nn PM	8 :nn PM
02 nn Z	10 :nn PM	9 :nn PM
03 nn Z	11 :nn PM	10 :nn PM
04 nn Z	12 :nn AM	11 :nn PM
05 nn Z	1 :nn AM	12 :nn AM
06 nn Z	2 :nn AM	1 :nn AM
07 nn Z	3 :nn AM	2 :nn AM
08 nn Z	4 :nn AM	3 :nn AM
09 nn Z	5 :nn AM	4 :nn AM
10 nn Z	6 :nn AM	5 :nn AM
11 nn Z	7 :nn AM	6 :nn AM
12 nn Z	8 :nn AM	7 :nn AM
13 nn Z	9 :nn AM	8 :nn AM
14 nn Z	10 :nn AM	9 :nn AM
15 nn Z	11 :nn AM	10 :nn AM
16 nn Z	12 :nn PM	11 :nn AM
17 nn Z	1 :nn PM	12 :nn PM
18 nn Z	2 :nn PM	1 :nn PM
19 nn Z	3 :nn PM	2 :nn PM
20 nn Z	4 :nn PM	3 :nn PM
21 nn Z	5 :nn PM	4 :nn PM
22 nn Z	6 :nn PM	5 :nn PM
23 nn Z	7 :nn PM	6 :nn PM

Shaded times indicate that the next UTC day has already begun.

Time got away from me on travel. Happy October, everyone! Along with the chill on the air, my hope is that you are all well

One resource I've encountered that might be useful is the Solar Weather Woman, who makes videos regarding solar activity, storms, and weather. You can find her videos on YouTube: <https://www.youtube.com/c/TamithaSkov/videos>

Meetings in the clubhouse are proceeding, I hear.

Unfortunately, I haven't been available to come in the last few months, though I am hoping to change that this month. Don't forget, voting for the HCARC's leadership for the next 12 months will be conducted at the November meeting on the 4th. Come, vote early! Vote often! Er...

KC2OQF, out.

No Regular Meeting In December

As in the past few years, our December meeting is replaced by our December club luncheon, which will not be at our usual meeting place or time.

If you're a Holiday City Amateur Radio Club member who will not be at the November meeting, but want to plan to attend the December luncheon, please contact Larry Puccio (see page 2) as soon as possible, as reservations are required.

November						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3 7:30 & 8:30 pm ARES Nets. See Net Schedule below	4 HCARC Mtg 7:00 PM	5	6 DX Sweepstakes CW Contest arrl.org/contests
7 DX Contest continues	8	9	10 7:00 pm License Exams; 7:30, 8:00 & 8:30 nets, See Schedule below	11	12	13
14	15	16	17 7:30 & 8:30 pm ARES Nets. See Net Schedule below	18	19	20 DX Sweepstakes SSB Contest arrl.org/contests
21 DX Contest continues	22	23	24 7:30 & 8:30 pm ARES Nets. See Net Schedule below	25	26	27 CQWWDX CW Contest cqwpx.com/rules
28 DX Contest continues	29	30				

Ocean County ARES & Skywarn Nets

11/3/20 7:30 pm - Digital net on 145.170 MHz; 8:30 pm - Voice net on 449.825 MHz

11/10/21 7:30 pm - Digital net on 449.825 MHz; 8:00 pm - **SKYWARN** net on 145.170 MHz; 8:30 pm - Voice net on 145.170 MHz

11/17/21 7:30 pm - Digital net on 145.170 MHz; 8:30 pm - Voice net on 449.825 MHz

11/24/21 7:30 pm - Digital net on 449.825 MHz; 8:30 pm Voice net on 145.170 MHz.

Thank You

The Editor of SKYHOOK wishes to thank:

Larry Puccio K2QDY,

Doug :Poray KC2TZC,

Bob Murdock WX2NJ,

Kevin Wagner W2FA,

Russ Young WA2VQV,

William Feidt NG3K,

Michael Carson KC2OQF,

and the folks at QRZ.com

for their contributions to this issue.