



# The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

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

June 2022

Toms River, NJ

## Our President's Message



With the beginning of summer, activities migrate to the outdoors. This is especially true for the amateur radio community.

On June 25 amateurs all over the country come together for the special event of the year, ARRL Field Day. The event is primarily held outdoors and is supposed to simulate the preparedness for an emergency or for the assistance of a major event such as a marathon or a parade.

Hams take this opportunity to set up their equipment and antennas and concentrate on making as many contacts as possible.

The HCARC will participate in this event at the Whispering Pine Park located in Holiday City South. We invite everyone to join us, even if you don't have a license, and participate in this event. The activity will start at 2 PM. There will be plenty of people on hand to assist and answer questions.

The June meeting will feature a program explaining the procedure for making contacts during the event. You do not want to miss this meeting and the upcoming Field Day.

-Doug Poray KC2TZC

## FIELD DAY – See Page 4



## Happy Birthday To:

Tony Kuzinski KD2GSO

Michael Larkins WA2CWX



## Happy Anniversary

Jeff Pennell KA2DHE & Vickie



## OUR NEXT REGULAR MEETING:

Thursday June 2<sup>nd</sup>  
at 7:00 PM

Holiday City South Clubhouse A  
Santiago Drive at Mule Road  
Toms River, NJ

## Ocean County ARES® News



June 2022

The next meeting of Ocean County ARES will be June 15th, 2022 at 7:00 PM at the Ocean County EOC, Robert J Miller Airpark, Berkeley Township. All are invited. There will be no nets conducted that evening due to the meeting.

The following contains excerpts from the May18, 2022 ARRL Letter and provides an interesting perspective on ARES.

The following is a link of a presentation made by former two-term FEMA Administrator Craig Fugate, KK4INZ, titled "The importance of Ham Radio in Disasters". <https://www.youtube.com/watch?v=D7t9UOwGm74&t=24s>

The presentation was made by the Coastal Plains Amateur Radio Club in southeast Georgia. I encourage everyone to watch this video. Blogger Brian Haren, W8BYH commented on the presentation and brought out the following important points:

- Focus training on low probability/high consequence events -- hurricanes, wildfires, earthquakes, etc.
- ARES and auxiliary communications are not the same, and ARES still has a primary role at the local level.
- ARES #1 mission needs to be making sure the local EOC can talk to the state EOC. The #2 mission is making sure that the local EOC can talk to its subordinate fire and EMS stations and, by extension, its local medical facilities (hospitals, critical care centers, etc.)
- One of the first consequences of any disaster is that all commercial comms systems will be overloaded, particularly cell circuits. The cell sites may be up and functioning, but the demand will overwhelm them.
- All comms systems, regardless of how well they are hardened, have multiple points of failure. It's not uncommon for EVERYTHING to fail. In fact, it happens

with alarming regularity.

- Any comms infrastructure reliant on IP -- cell phones, VOIP, internet, etc. -- is particularly vulnerable. Even commercial SATPHONES at some point tie back to an IP-based ground system, and the connections will fail.
  - AT&T's FirstNet is IP-based and is not well hardened (he wasn't very complimentary of the whole FirstNet concept).
  - Supporting local shelters with communications really isn't all that important. Most of them will have all the comms they need.
  - Focus on developing digital mode expertise. Digital can carry more traffic, more accurately and under more adverse conditions, than voice.
  - Repeaters will fail and 2-meter simplex will run into coverage issues very fast. Focus on HF.
  - Most emergency managers at all levels have no idea what digital capabilities ARES can bring to the EOC. Some have heard of Winlink, few know what it really is or what its capabilities are. Almost none have heard of FT8, JS8, etc.
  - In a disaster, antennas are more vulnerable than radios. Have spares.
  - Backup power -- YES! Generators fail with alarming frequency.
  - Risk. FEMA reimbursement rules don't cover privately owned radio gear if it gets damaged or destroyed while supporting a declared emergency. The point here is to push your local EMA to fund the necessary gear and have the ARES operators fall in on it.
- "Craig's strong focus was on the use of HF for both local and long-haul communications -- get the local EOC talking to state ASAP and don't rely on anything that has a high risk of failure (like repeaters). His perspective is interesting - he's seen too many commercial and government communications systems fail during real world disasters, particularly IP-based systems.
- "We can distill Craig's guidance down to one simple statement: EMAs at all levels need point-to-point communications systems that don't rely on any infrastructure. This is the key role that ARES is best suited to fill at the local and state levels, and that

needs to be our primary mission and training focus.

"I consider this presentation, the lessons learned it discusses, and the advice it provides, to be a critical guide to future ARES and auxiliary communications mission definition and training. Craig's advice is both invaluable and unassailable. If there was a way I could force every local and state emergency manager to sit down and watch this video and absorb the lessons, I would."

73 de WX2NJ, Bob Murdock, Ocean County Amateur Radio Emergency Service® EC

### Larry K2QDY Worked



5/12/2022 23:58 14.020 CW CO8CY Cuba  
 5/9/2022 02:32 14.017 CW RA6MQ European Russia  
 5/9/2022 02:29 14.017 CW 4X6GP Israel  
 5/3/2022 23:07 14.019 CW LU8QT Argentina  
 5/3/2022 22:55 14.019 CW I13WRTC Italy  
 5/3/2022 22:45 10.110 CW SP7ASZ Poland  
 5/2/2022 00:39 10.110 CW EI9JF Ireland  
 5/1/2022 22:38 14.021 CW OH3PE Finland  
 5/1/2022 22:35 14.017 CW M0TNX England  
 5/1/2022 22:26 14.017 CW EA7TG Spain  
 5/1/2022 22:16 14.017 CW EI4II Ireland  
 5/1/2022 21:59 14.022 CW HK5NLJ Colombia  
 4/29/2022 21:14 14.021 CW DL1DAW Federal Republic of German

### Our Volunteer Examiner Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,  
 John [KQ4WR](#), Stan [KB2P](#),  
 Steve [N2WLH](#), Michael [KC2OQF](#)

*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.*

### Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site [www.hcsrc.us](http://www.hcsrc.us)

President	Doug Poray	<a href="#">KC2TZC</a>	732-928-2316
Vice President	Steve Jackson	<a href="#">N2WLH</a>	732-255-7916
Secretary	John Perry	<a href="#">KD2NDY</a>	732-349-2705
Treasurer	Larry Puccio	<a href="#">K2QDY</a>	732-349-2950
Executive Board (open)			
Executive Board	John Roberts	<a href="#">KQ4WR</a>	732-966 4665
W2HC Trustee	Larry Puccio	<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 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 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.





## Field Day

- Field Day is a fun competition to:
  - verify readiness to work as many stations as possible
  - learn to operate under abnormal conditions
  - develop skills to meet the challenge of emergency preparedness
  - acquaint the general public with the capabilities of Amateur Radio.
- Points are 1X for SSB contacts, 2X for CW contacts and 2X for Digital contacts
- 100 Points are given for Public Location, Media Publicity, Public Information Table, Emergency Power, GOTA station, Message Sent to the Section Manager, Copying the ARRL message, Site Visitation by Public Official, Visitation by Elected official.
- Field Day operating time is 2:00 PM Saturday June 25 through Sunday June 26 2:00 PM.



- Our Club will operate two radios in Class "2A".
- Protocol for our club will be:  
**W2HC 2A SNJ ("Whiskey Two Hotel Charlie, Two Alpha, Southern New Jersey")**
- One person talks while another logs
- When calling CQ, repeat this two or three times. Then listen.

If answering a CQ, state "W2HC" and listen for the other station to acknowledge your call.

- In competitions there is little to no casual talk.

- Logging will be done with a Laptop computer (running "Squirrel" program) at each radio. The person logging will type in the other station's call, then the section. A sequential number will be generated to give to the other station. The operator will need to give the sequential serial number to the other station.

- Everyone will have a chance to operate or log calls

- **Our field operation:**

**Set-up begins at 10AM Saturday, but the contest starts at 2:00PM.**

**We must leave by 8:00 PM Saturday.**



**The park entrance is located at the end of Selkirk Ave. at Orlando Blvd.**



**Visitors, of course, are welcome.**



## Our Spring Luncheon



*Grace & Larry Puccio, Mike Larkins, Jeanne & Doug Poray, John Roberts, Carl & Henrietta LeFevre*

Five HCARC members, their XYs, and John's son Thom (who took the photo) attended the club's spring luncheon at the local Chinese buffet.

## 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.

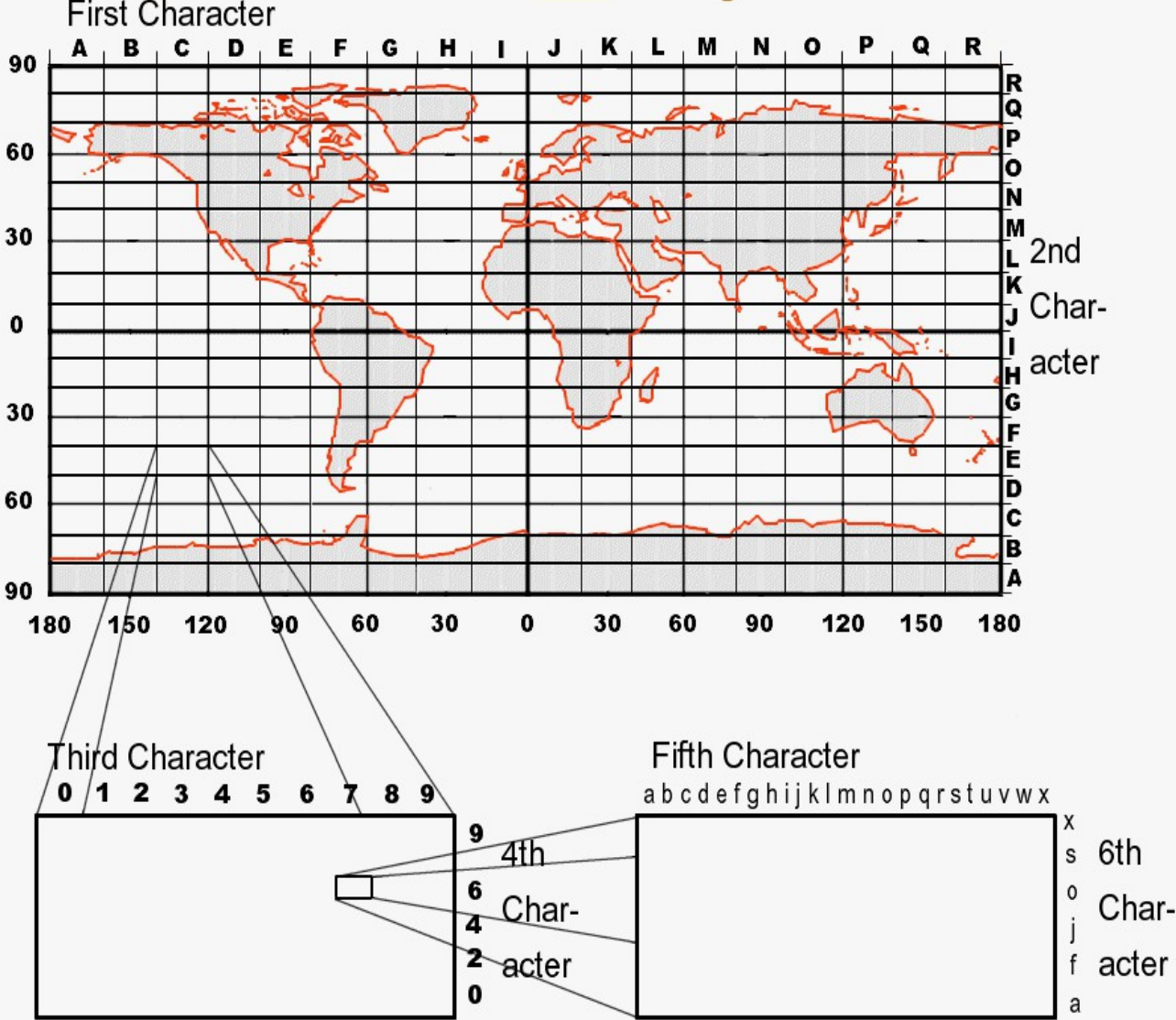
Many thanks to NG3K, Wikipedia, Google Maps, the ARRL, the RSGB, DXW, TDDX & QRZ.com for the data.

START	FINISH	ENTITY	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
6/01/22	6/22/22	Rwanda	9X	9X2AW		160-10m	C S D	LoTW	KI47ts	7054	E	DXW.net
6/01/22	7/22/22	Gabon	TR8	TR8CR		40-20m	C	F6AJA (B/d)	JJ40rj	5871	E	TDDX
6/14/22	6/19/22	Sao Tome & Pr	S9	S9EFW	AF-023	40-10m		K9EFW	IL18rj	3337	E	DXW.net
6/22/22	6/27/22	Jan Mayen	JX	JX/LB5SH	EU-022		S 8	LoTW	IQ50rx	3095	NNE	DXW.net
6/24/22	7/02/22	Ogasawara	JD	JD1AJD	AS-030	20-6m	C 8 4	JA1ADT	PL54ps	7676	NNW	JA1ADT
6/28/22	7/05/22	Liechtenstein	HB0	HB0/OZ0J		80-10m	S C D	OX0J, eQSL	JN47sd	4022	NE	OZ0J
6/25/22	7/12/22	St Pierre & M	FP	FP/KV1J	NA-032			KV1J	GN17tb	1020	NE	DXNews
6/24/22	7/02/22	Ogasawara	JD	JD1AJD	AS-031	20-6m	C 8 4	LoTW	OL16cx	7255	NNW	JA1ADT
6/26/22	7/06/22	Market Reef	OJ0	OJ0JR		6m	8 C S	OH3JR	JP40nh	3664	NE	TDDX
6/26/22	7/06/22	Market Reef	OJ0	OH0MR		6m	8 C S	OG2M	JP40nh	3664	NE	TDDX
6/30/22	7/08/22	Ogasawara	JD	JR3DVL	AS-031	6m	8		QL17cb	3664	NE	TDDX
7/01/22	7/12/22	Namibia	V5	V5/HB9BFM		80-15m		HB9BFM	JG73ni	7348	ESE	TDDX
7/01/22	7/12/22	Namibia	V5	V5/HB9BFM		80-15m		HB9BFM	JG83qe	7466	ESE	TDDX
5/01/22	6/15/22	Namibia	V5	V5/ZS2PS		80-10m		ZS2PS, LoTW	JG87mi	7277	ESE	TDDX
5/21/22	6/02/22	Mauritius	3B	3B8	AF-049	40-20m	8	DF3XY	LG89tt	9303	E	425DXN
5/21/22	6/04/22	Martinique	FM	FM/OQ3R	NA-107	160-10m	C	ON4RU	JO20lw	3726	NE	ON4RU
5/22/22	6/08/22	Bijol Is Gambia	C5	C5B	AF-060	20-10m	C S 4 8	F5RAV, LoTW	IK13uj	3941	E	DXW.net
5/22/22	6/08/22	Gambia	C5	C5C		20-10m	C S 4 8	F5RAV, LoTW	IK13uj	3941	E	DXW.net
5/28/22	6/10/22	Guadeloupe	T02	T02AZ	NA-102	40-10m	C S	DL2AAZ	FK96ch	1798	SSE	TDDX

## Russ Young, WA2VQV, Worked:

DATE	UTC	MODE	BAND	FREQ	CALLSIGN	ENTITY	GRID	DIST	DIR
5/07/2022	1542Z	CW	15M	21036	II9WRTC	SICILY	JN62ks	4400	NE
5/07/2022	1558Z	CW	12M	24901	ZS1ANF	SOUTH AFRICA	JF96gb	7827	ESE
5/21/2022	2252z	CW	17M	18076	V44KA0	ST KITTS & NEVIS	FK87oi	1671	SSE
5/21/2022	2302Z	CW	17M	18069	FY5KE	FRENCH GUIANA	GJ35kd	2733	SE
5/22/2022	2115Z	CW	17M	18078	5B4AQC	CYPRUS	KM65qd	5596	NE

The Maidenhead Coordinate System





June						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 7:30pmARES digi net 145.170MHz; 8:30pmARES voice net 449.825MHz	2 7pm HCARC MEETING See page 3	3	4
5	6 Primary Election Day Tomorrow	7 VE SESSION tomorrow - See page 3 col 2	8 7:30pmARES digi net 449.825MHz; 8:30pmARES voice net 145.870MHz	9	10	11
12	13	14 Flag Day	15 Ocean Co. ARES Meeting. See Page 2	16	17	18
19 Fathers Day	20	21	22 7:30pmARES digi net 449.825MHz; 8:30pmARES voice net 145.870MHz	23	24	25 FIELD DAY BEGINS See page 1
26 Field Day continues	27	28	29	30		

### Thank You, Larry Puccio

As some of you know, the computer that usually assembles the SKYHOOK failed in April, and Larry was able to publish the May issue by putting together enough of what data was still available.

So, we all should thank Larry Puccio for the May issue.

I am slowly getting my new Windows 11 working. I'm still loading stuff from my old backups while trying to get used to the smaller screen, new keyboard, and Windows 11 chaotic file organization. -John Roberts

### And Thank You To Our Contributors:

- Doug Poray
- Bob Murdock
- Larry Puccio
- Thom Roberts
- Russ Young