



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

June 2023

Toms River, NJ

Our President's Message

June, 2023



communication between the earth and the moon. The purpose of InfoAge is to preserve, educate, and honor scientific innovation to inspire new generations of thinkers, dreamers, and visionaries. Plan to attend the June meeting for a presentation on the history and the activities available at this venue.

Our club will participate in the ARRL Field Day on June 24. The activity will take place at Whispering Pines Park located in Holiday City South, Toms River, NJ. All are welcome whether you have a license or not. Guests are also invited.

Doug Poray, Pres., HCARC

Happy Birthday To:

Tony Kuzinski KD2GSO

Michael Larkins WA2CWX



Happy Anniversaries To:

Jeff Pennell KA2DHE & Vickie

Paul KD2ARV & Maureen
Dobrolovich



Historical museums return us to the past and exhibit the many accomplishments made with simple devices and procedures. We are fortunate being close to a museum which depicts the vast achievements made in the technical arena., InfoAge presents a wealth of knowledge to the visitor; starting with the age of wireless communication and continuing with the development of radar technology during World War II. InfoAge was the site of the first intelligent

OUR NEXT "REGULAR" MEETING:

Thursday June 1st at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News



June 2023

The next meeting of Ocean County ARES will be June 21st, 2023 (First day of summer) 7:00 PM at the Ocean County EOC, Robert J. Miller Airport, Berkeley Township. Bring your qual book if you need signoffs. All are invited.

Hurricane season starts June 1st and runs through November 30th. Now is the time to make preparations if you are in an area which can be affected by hurricanes. Here is a reprint of Ocean County ARES News from June 2010:

The following is an excerpt from Rick Palm, K1CE, from the ARES E-Letter of May 19, 2010:

“As reported in the last issue, it's a bleak outlook for this year's hurricane season. Living on the exposed east coast of Florida, I am personally in the middle of a potential ground zero for catastrophe. It is deeply gratifying to know that Florida is home to some of the finest and most active ARES and RACES planning, training, and exercising in the country. A new statewide ARES emergency plan is in the works, being drafted by an elite group of ARES and State EOC officials. We have had the good fortune of having excellent leaders in our Section Managers and SECs (we have three ARRL Sections in the Sunshine State). I feel that ARES and indeed, Amateur Radio at large, is in very good hands here. It brings to me a sense of safety and security in my home, just a mile or so from the edge of the ocean.

But, I, as well as every radio amateur and citizen in the state also have an obligation for personal preparedness, and planning. Here is what I've done so far for personal readiness: stocked my closet with one case each of canned fruit, mixed vegetables, and baked beans; pasta, instant rice, and about 30 gallons of fresh drinking water. I've laid in a good supply of extra batteries, flashlights, candles, cat food, cat litter,

gasoline in extra tanks for the truck and motorcycle. I've pre-bagged sand bags for stacking against rising water. I dusted off the Radio Shack NOAA weather alert radio, plugged it in, tested it, and made sure I had extra batteries for it. I bought several small propane canisters and a stove head for them. I bought a back-up stove as well. Still to do: I need to buy a new hand-held, and will probably buy one of the Yaesu units I tested for June QST's Product Review - they are so inexpensive these days! I'll buy an extra battery for the unit, too. I also need a gel cell for my HF and 2-meter radios on the desk here.

As for planning, I know exactly what I will do if threatened by a hurricane: Go straight to the hospital in Daytona Beach, where I work on the ICU. I will stay there until the event is all over. Incidentally, it's the tallest set of buildings around, and a new D-STAR repeater is being placed on top of one of the towers there. I can also bring my cat there for the duration. Hospital administrations think of everything when it comes to potential disaster situations facing the community - it is deadly serious business.

What's in your closet? What are your plans?,
Rick K1CE”

As Rick stated, living on Florida he is in the potential ground zero for a catastrophe during severe weather. There are many locations in Ocean County that can be in the same situation, such as the barrier islands, essentially at sea level with one egress point. Make your plans now.

On another topic in regard to home safety, I recently learned that not all batteries are acceptable for use in Kidde smoke detectors. To maintain warrantee, you must use Energizer E91, Gold Peak 15A or Golden Power GLR6A if your unit uses “AA” batteries. I was using Duracell and one particular detector was causing a low battery alarm every two months. I figured it was a no brainer to just contact Kidde for a replacement since the unit is warrantied for 10 years and was only a year old. Customer service asked me what brand of battery I was using and essentially nulled my warrantee for using Duracell. I did purchase Golden Power

batteries after the conversation but unfortunately, they also died after two months. Kidde rejected my claim. Try buying a smoke detector for your home that is NOT made by Kidde. Good luck.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Ocean Co. ARES Net Schedule

- June 7, 145.170 Digital at 7:30 PM, 449.825 ARES Voice at 8:30 PM.
- June 14, 449.825 Digital at 7:30 PM, 145.170 **Skywarn at 8:00 PM**, 145.170, ARES Voice at 8:30 PM.
- June 21, In-Person Meeting; No Nets
- June 28, 449.825 Digital at 7:30 PM, 145.170 ARES Voice at 8:30 PM.

Our License Exam Sessions



If you know someone who wants to get a “ham” license, or you want to upgrade yours, we can help.

Just contact Larry Puccio K2QDY (see below) for information.

Our Volunteer Examiner Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,

John [KQ4WR](#), Stan [KB2PD](#),

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.

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.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	Carl Lee	W2PTZ	732-575-7558
Executive Board	John Roberts	KQ4WR	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

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 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 Building A (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 2023



- Field Day is a competition to:
 - o Verify readiness
 - o Work as many stations as possible
 - o Learn to operate under abnormal conditions
 - o Develop skills to meet the challenge of emergency preparedness
 - o Acquaint the general public with the capabilities of Amateur Radio.
- Points are 1 for each SSB contact, 2 for each CW contact and 2 for each Digital contact
- 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.
- Operating time is 2:00 PM Saturday June 24 through Sunday June 25, at 2:00 PM.
- Our Club will operate three radios in Class (2A) from Whispering Pines Park until late Saturday afternoon, weather permitting.
- Protocol for our club will be:
W2HC (Whiskey 2 Hotel Charlie), "2A", SNJ
- One person operates, SSB or CW, while another log's
- When calling - "CQ Field Day this is W2HC" repeat this two or three times then listen or 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 at each radio (Squirrel, N1MM). The person logging will type in the other stations call then the section. A sequential number will be generated to give 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
- Field Day can run until 5pm Sunday, but our operation must shut down by 8:00 PM Saturday.

Where Is The Whispering Pines Park?

The Maidenhead "grid square" area is **FM29vw**.

To find the entrance road using **Google Maps**, write **39.953 -74.2315** in the "Search Google Maps" address blank and press Enter.

Driving instructions (Your choice):

A. Via GPS Navigator: If "Whispering Pines Park Toms River NJ" didn't work, try 99 Selkirk Ave, Toms River NJ 08757. It's not very well marked but it's at the extension of Selkirk Ave.

B. From Mule Rd.: Turn East onto Santiago Drive, then Left onto Orlando Blvd. Go 0.6 miles (9 short blocks) to Selkirk Avenue and turn left into the park.

C. From Davenport Rd., a half block West of the high voltage power lines: Turn North onto Freeport Blvd, right onto San Carlos Street, and left onto Selkirk Avenue. Continue straight into the park.

Michael Carson KC2OQF

A Minimal FT8 setup:

The idea is a station portable enough to go in my ALICE buttpack with the rest of my day hiking kit for some radio in the woods. This setup makes my previous effort from the van look posh.

Equipment:

70' of wire (I'm using #18 stranded with silicone insulation for flexibility),

a 49:1 balun,

(tr)uSDX transceiver, and

my phone.

The (tr)uSDX is an SDR radio that works on 80, 60, 40, 30, and 20 in my configuration. It has a USB port for CAT control, mic and speaker for audio and the speaker port doubles as a code key port. It's running on three 18650 batteries tucked in a holder on the back of the 3D printed case. With the batteries, it'll transmit with around 5W (more or less depending on the health of the batteries).

The antenna is an end-fed half-wave, not yet trimmed to length. I'm not sure I want to carry enough wire for 80m, but once I get it trimmed up, I should be able to do 40m and 20m with an antenna that fits in my pocket. This design uses the coax shield as a counterpoise, so I need to uncoil that before transmitting, too.

I'm amazed it worked at all with the antenna just spooled up on the floor, and the notoriously poor speaker on the radio into the phone microphone in free air. I only kept it on for a few minutes, but heard stations around the eastern US, from Florida up to the Great Lakes. The last CQ I caught was in Toronto. This is from northern Alabama.

Future: I need to get the antenna up in a tree and trimmed to length before I transmit, and an audio and CAT interface between the radio and "computer" (phone) would be nice. Oh, and some lighter/thinner coax - that's a big part of the weight of the whole system.

Larry Puccio K2QDY Worked:



Larry Puccio K2QDY Worked:

DATE (UTC)	TIME	FREQ	MODE	CALL	ENTITY	LOC	MILES	DIR
3/27/2023	21:36	14.011	CW	V26EI	Antigua & Barbuda	FK97dc	1749	SSE
3/23/2023	04:33	1.820	CW	CY0S	Sable I.	FN93xw	779	ENE
3/24/2023	16:02	14.026	CW	LY2PX	Lithuania	K015kg	4267	NE
3/25/2023	16:44	14.185	SSB	CQ8Q	Azores	HM68jr	2487	ENE
3/25/2023	16:49	14.217	SSB	C02XN	Cuba	EL83td	1256	SSW
3/25/2023	17:01	14.303	SSB	OM7M	Slovak Republic	JN98ep	4333	NE
3/25/2023	17:07	14.336	SSB	OH0V	Aland Is.	JP90we	4010	NE
3/25/2023	17:16	14.280	SSB	I04T	Italy	JN62ks	4309	NE
3/25/2023	17:18	14.245	SSB	9A50P	Croatia	JN86mb	4371	NE
3/25/2023	17:23	14.240	SSB	II2S	Italy	JJ55fk	5700	E
3/25/2023	17:24	14.227	SSB	HA8IB	Hungary	KN07oc	4501	NE
3/25/2023	21:55	28.327	SSB	PV2G	Brazil	GH47eq	3895	SSE
3/25/2023	21:56	28.318	SSB	8P5A	Barbados	GK03ef	2050	SSE
3/25/2023	23:05	14.214	SSB	PY3NY	Brazil	GG40li	5037	SSE
3/25/2023	23:09	14.222	SSB	PP2DX	Brazil	GH64fo	4195	SSE
3/25/2023	23:11	14.226	SSB	TI1I	Costa Rica	EK70wf	2143	SSW
3/25/2023	23:14	14.242	SSB	VE2GSO	Canada	FN58sl	655	NNE
3/25/2023	23:16	14.258	SSB	VA1MM	Canada	FN84dr	631	NE
3/25/2023	23:23	14.270	SSB	V26EI	Antigua & Barbuda	FK97dc	1749	SSE
3/25/2023	23:25	14.274	SSB	SJ2W	Sweden	KP04hm	3907	NNE
3/25/2023	23:29	14.287	SSB	ZW5B	Brazil	GG54kl	4807	SSE
3/25/2023	23:32	14.291	SSB	PJ4R	Bonaire	FK52vd	1958	SSE
3/25/2023	23:32	14.295	SSB	NP4VM	Puerto Rico	FK68xi	1572	SSE
3/26/2023	00:08	7.011	CW	V26EI	Antigua & Barbuda	FK97dc	1749	SSE
3/26/2023	00:22	14.027	CW	9G4X	Ghana	IJ95tl	5125	E
3/26/2023	14:55	28.360	SSB	II8K	Italy	JM89di	4585	ENE
3/26/2023	14:59	28.353	SSB	9A5Y	Croatia	JN85oo	4394	NE
3/26/2023	15:00	28.353	SSB	IR9W	Italy	JM76lr	4624	ENE
3/26/2023	15:02	28.383	SSB	9A50P	Croatia	JN86mb	4371	NE
3/27/2023	21:11	14.020	CW	XE1XR	Mexico	EK09kk	2047	SW

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 for ADXO. Also to Wikipedia, Google Maps, the ARRL, the RSGB, DX World, The Daily DX & QRZ.com for the data.

START	FINISH	ENTITY & Ranking	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
A	B	C	D	E	F	G	H	I	J	K	L	M
2023 Apr20	2023 Apr23	Monaco	3A	3A/IW1RBI		80-10m	8 c s	LoTW	JN33rr	4038	ENE	425DXN
2023 May01	2023 Jun15	Niger	5U	5UA99WS		40-10m	8 s	LoTW	JK13gl	4931	E	DXW.Net
2023 Jun21	2023 Jul03	Malawi	7Q	7Q7WW		160-6m	S C R	W1IE	KH66wt	7760	E	W1IE
2023 May20	2023 Jun04	Maldives	8Q7	8Q7VJ	AS-013	40-6m	S F	LoTW	<i>MJ65tg</i>	<i>8709 NE</i>		TDDX
2023 May23	2023 Jun14	Rwanda	9X	9X2AW		160-10m	C S D	M0OXO	KI47ts	7054	E	DXW.Net
	2023 Sep30	United Arab Em.	A6	A65CW		80-6m	C 8	LoTW DL2RMC	LL74uc	6967	NE	ARLD009
2022 Decem	2023 Dec15	Antarctica	AT4	AT42I				VU2CRS	<i>JB59uf</i>	<i>8715 SSE</i>		ARLD055
2023 Apr01	2023 Jun30	India	VU	AU40NRO				VU2NRO	ML88pq	7358	NNE	ARLD013
2023 May30	2023 Jun13	Cape Verde Is	D4	D4CW	AF-005	80-10m	S C	DJ5QS Buro	HK86mo	3456	ESE	TDDX
	2023 Jun30	Germany	DA	DR0LIMES				oper instr	J040ic	3901	NE	ARLD041
2022 Jan01	2023 Sep30	Germany	DA	DR45HAAN				DL7DT	J040ic	3901	NE	ARLD039
	2023 Aug15	St Barthelemy	FJ	FJ4WEB	NA-146	40-10m	S	K2LIO	FK87ov	1672	SSE	ARLD002
	2023 Oct15	Polynesia	FO	FO/F6BCW	OC-067	80-6m	C S	F6EXV	BH52bk	6271	WSW	ARLD019
2023 Jun27	2023 Jul11	St Pierre & Miquelon	FP	FP/KV1J	NA-032	80-6m	C S D	LoTW	GN17tc	1019	NE	DXW.Net
	2023 Dec31	Wallis & Fortuna	FW	FW1JG	OC-054			LoTW F4CIX	AH16vq	7439	W	ARLD003
2023 Jun27	2023 Jul08	Bermuda	VP9	G40SY/VP9	NA-005	40-6m	S c	G40SY	FM72ph	0749	SE	DXW.Net
	2023 Jun01	Djibouti	J2	J28HJ		80-10m	S 8	LoTW	LK11mn	7082	ENE	ARLD029
2023 Jun25	2023 Jul05	Faroe Is	OY	OY/DC8TM	EU-018	80-10m	S 8	LoTW	IP60oa	3133	NE	DXW.Net
	2023 Jun30	Netherlands	PA	PA100K					J021xo	3750	NE	ARLD019
	2023 Jun30	Netherlands	PA	PA100M					J021xo	3750	NE	ARLD019
	2023 Jun30	Netherlands	PA	PA100PCG					J022ve	3729	NE	ARLD019
	2024 March	Antarctica	*RN*	RN1ON	AN-016		C S D	RI1ANC	<i>OB31km</i>	<i>9782 S</i>		ARLD052
	2023 Jun06	West Kiribati	T30	T30UN	OC-017	160-6m	C S 8	ClubLog	RJ61nh	7347	WNW	ARLD041
2023 Jun01	2023 Jun12	Central Kiribati	T31	T31TT		160-10m	C S 8	LoTW	RJ61ni	7345	WNW	DXW.Net
	2023 Dec31	Turkey	TC	TC100TA				borough	KM69kv	5267	NE	ARLD003
	2023 Dec31	Turkey	TC	TC100TC				borough	KM69kw	5265	NE	ARLD003
	2023 Dec31	Turkey	TC	TC100TR				borough	KM69kv	5267	NE	ARLD003
	2023 Dec31	Turkey	TC	TC100YEAR				borough	KM69kv	5267	NE	ARLD003
2023 May03	2023 Jun02	Corsica	TK	TK/IS0JX0	EU-024	80-2m	C S	IS0JX0, LoTW	JN42nd	4164	ENE	TDDX
2023 May23	2023 Jun07	St Kitts & Nevis	V47	V47JA	NA-104	160-6m	S 8	LoTW	FK87pf	1717	SSE	W5JON
2023 May06	2023 Jun30	Marshall Is: Kwaj.	V7	V7/N7XR	OC-028	160-10m	C R 8	Club Log OQRS	RJ38ur	7258	WNW	TDDX
	2025?	Brunei	V8	V85NPV			C	LoTW	<i>OJ74fi</i>	<i>9331 NNW</i>		F5NPV
	2023 Dec31	Australia	VK	VK100ZL				borough	<i>QF21ev</i>	<i>10382 W</i>		ARLD016
2023 May24	2023 Jun01	Anguilla	VP2E	VP2EAQ	NA-022	40-10m	C S 8 4	LoTW	FK881f	1644	SSE	TDDX
2023 May24	2023 Jun01	Anguilla	VP2E	VP2EAR	NA-022	40-10m	C S 8 4	LoTW	FK881f	1644	SSE	TDDX
2023 Jun23	2023 Jun29	Br Virgin Is.	VP2V	VP2V/W9DR	NA-023	6m	8 S C	W9DR	FK78tr	1581	SSE	W9DR
2023 Jun10	2023 Jun24	Ducie I	VP6	VP6A	OC-182	160-6m	C S 8	LoTW HA7RY	CG75oh	5527	SW	N1DG
2023 Ju06	2023 Jun18	Lakshadweep	VU7	VU7W	AS-106	80-6m	C S 8	LoTW	MK60hn	8357	NE	TDDX
	2023 Dec31	Indonesia	YB	YB8QT	OC-210	80-10m	D S	IK2DUW	<i>PJ21ib</i>	<i>9366 NNW</i>		ARLD048
	2023 Jun30	Romania	YO	YR1400VT				YR1400VT	KN34bk	4801	NE	ARLD051
	2023 Dec31	Servia	YU	YU75SRV				oper instr	KN05cj	4525	NE	ARLD041
2022 Decem	2023 Dec15	Albania	ZA	ZA15K		40, 20m		oper instr	JN90sr	4675	NE	ARLD050
2023 Apr26	2023 Jul25	New Zealand	ZL	ZL100	OC-036	80-10m		ZL100	<i>RE78kp</i>	<i>8919 WSW</i>		DX News

June						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 7pm HCARC MEETING See page 1	2	3 Kentucky QSO Party; ARRL Digital Contest
4 QSO Party and Digital Contest continue.	5	6 License Exams tomorrow (by appointment See page 3)	7 7:30pm ARES digi net 145.170MHz ; 8:30pm ARES voice net 449.825MHz	8	9	10
11	12	13	14 7:30pm ARES digi net 449.825MHz; 8:30pm ARES voice net 145.870MHz	15	16	17 West Virginia QSO Party; ARRL Kids Day
18 WV QSO Party continues	19	20	21 In-Person ARES Meeting at OC EOC @ 7:00PM	22	23	24 FIELD DAY BEGINS See Page 4
25 Field Day Continues	26	27	28 7:30pm ARES digi net 449.825MHz; 8:30pm ARES voice net 145.870MHz	29	30	

QSO Party Information

Kentucky: www.kyqsoparty.org/rules

West Virginia: www.qsl.net/wvsarc/wv-qso-party-rules-for-2023.pdf

We Thank The Following For Our News

Doug Poray KC2TZC, Rick Palm K1CE, Bob Murdock WX2NJ, Larry Puccio K2QDY, Michael Carson KC2OQF, Gary Walters W8ZY, and Bill Feidt NG3K, and the ARRL.