

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

July 2022

Toms River, NJ

Our President's Message



With Field Day behind us, we can turn our attention to other facets of amateur radio. Another aspect of our hobby is the participation in a DXpedition. This is an event occurring in an exotic place where radio amateurs operate for a brief period.

The remote location of the DXpedition can be on an island in the ocean, on top of a mountain or any other place which requires a challenge for both making the journey and for operating.

A great amount of planning and a considerable amount of financial support is required. Great satisfaction is achieved by the operators on the DXpedition and by radio amateurs making QSO's (contact) with them.

Our July meeting will feature a video of a DXpedition depicting all the success and challenges associated with this excursion.

Doug Poray KC2TZC

Field Day Photos- See Pages 2-6

Happy Birthday To:

Carl Lee

W2PTZ

Stan Stefiej

KB2PD

Tom Tamaro

KD2VMR



Happy Anniversary To:

Larry & Grace Puccio



Thank You To SKYHOOK Contributors

Doug Poray, Bob Murdok, Mike Larkins, Larry Puccio and also to John Perry for many of the photos.

OUR NEXT REGULAR MEETING:

Thursday July 7th
at 7:00 PM

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

Ocean County ARES® News



July 2022

During the June 2022 ARES Meeting, WX2NJ rolled out a new VARA FM Digipeater installed at the Ocean County EOC. The digi ID is WA2RES-14 and operates just like WA2RES-15. Uses Wide or Narrow mode on 145.010 MHz, with 50 watt output. The transceiver is an Alinco DR-135 running in the digital mode and is interfaced with a DR-30 sound module.

VARA FM is running on a Lenovo Micro PC and reboots automatically once a week in the middle of the night.

The system is UPS and generator power backed.

The digipeater was installed at the EOC to allow low power VARA FM operators to access the Winlink system easily during exercises and emergencies. Test during the meeting indicated no issues connecting with digipeater WA2RES-15, Gateway WX2NJ-10 or the new Gateway in Burlington County, KC2QVT-10.

The WA2RES-14 Digipeater is connected to a 2 meter antenna on the Ocean County EOC tower and easily connects to KC2QVT-10 in Westampton, close to the NWS in Mount Holly.

This gives Ocean and Burlington counties the ability to message digitally back and forth, with or without Internet. Digital messaging provides 100% accuracy with a minimum connection time and is as easy to use as any email program. VARA FM is super-fast and still works with weak signals.

Several Ocean County ARES documents were revised to reflect the new Digipeater such as the Ocean County ARES Operating Frequency List
<http://www.wa2res.com/ARES/OperatingFrequencies.pdf>

And the Ocean County ARES Operating Plan,
<http://www.wa2res.com/aresplan.pdf>

NJ2N, KD2FFR and KC2ENS are performing some range

tests on the new KC2QVT-10 Gateway to determine a usable range without a digipeater. A big thanks to this team for their field work.

VARA FM users – Here is a neat tip from Ralf, N2FVB. You can monitor the signal to noise level (S/N) of any active VARA FM signals by starting Winlink Express and opening a session in VARA FM P2P. You don't need to enter any callsigns. Just let VARA FM monitor. Any activity will be recorded under the VARA FM log. Thanks Ralf.

Ocean County ARES will once again be assisting the Northern Habitat for Humanity organization with the 2022 Walk to Build.

The walk is on Saturday, September 17 at 9 am. The rain date is Saturday, September 24, same time. The walk is down the Lavallette Boardwalk and back up Route 35 sidewalk. It begins at 1st/Dover Ave at the beginning of the boardwalk. ARES operators will be needed to support the walk. All you need is an HT for communication.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Field Day Photos





Setting up one end of the first of three antennas



The other end of the first antenna, a 20m full wave



Preparing the third antenna, an 80m end-fed

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

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 (open)			
Executive Board	John Roberts	KQ4WR	732-966 4665
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 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.





Ray Kozakiewicz NE2RD with 450 Ohm twin lead



Carl Lee W2PTZ & Stan Stefiej KB2PD on 40m



Larry Puccio & grandson Matt Rozea KC2IGE on 20m



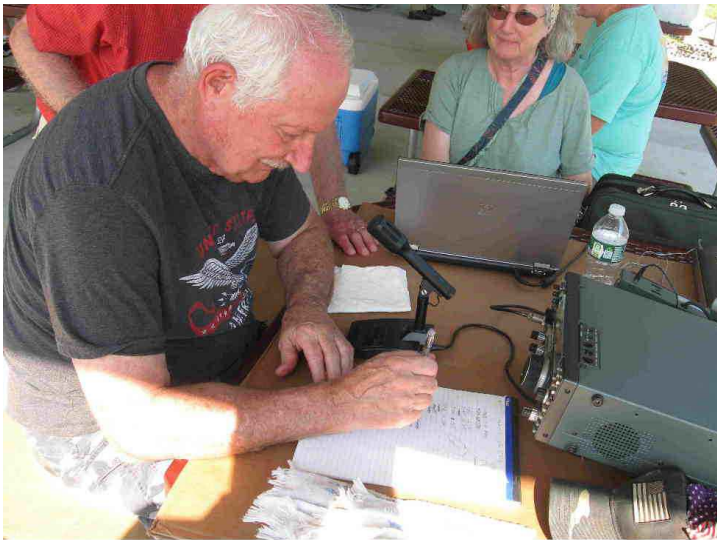
Jacqueline Blanch & Steve Jackson on 75m / 80m



Doug Poray & Steve Jackson N2WLH on 75m / 80m



Mike Rozea KC2IGE and Mike Larkins WA2CWX



Steve Jackson at the mike, Jacqueline Blanch logging



John Perry KD2NDY and Stan Stefiej KB2PD



Kevin Wagner W2FA



John Perry KD2NDY



Ray Kozakiewitz NE2RD and Jim Puccio



Mike Larkins and Matt Rozea on 20m

Some DX Opportunities

Callsigns shown in alphanumeric order

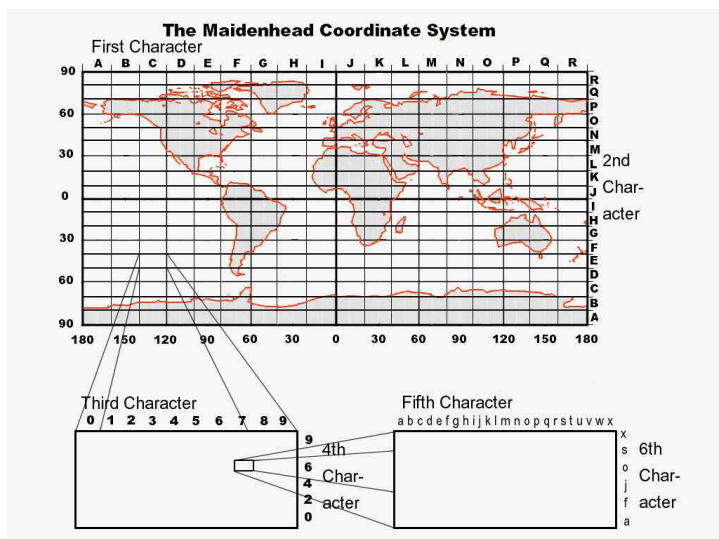
Italics if DX > 6000mi

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
7/07/22	7/14/22	Monaco	3A	3A/F6EXV		80-10m		LoTW	JN33rr	4038	ENE
7/07/22	7/14/22	Monaco	3A	3A/PB8DX		80-10m		LoTW	JN33rr	4038	ENE
NOW	7/02/22	Mauritius	3B8	3B8/DF3XY		40-2m	S 8	DF3XY	LG89sq	9304	E
6/26/22	7/03/22	Uganda	5X	5X3R		80-10m		IK3DUW	KI59wn	7091	E
6/16/22	7/16/22	Somalia	60	60100		80-15m	8 C	EP3CQ	LJ22pa	7659	ENE
NOW	7/03/22	Yemen	70	70/DL72M	AF-028	10-6m	C 8	DL72M QRZ	LK62xm	7527	NE
NOW	7/05/22	Algeria	7X	7R19MG				IK2DUW	JL19id	4311	ENE
NOW	7/05/22	Algeria	7X	7Y19MG				7X2VFK	JL19id	4311	ENE
NOW	3/31/23	Japan	JA	8J1H90T	AS-117				PM95pi	6816	NNW
5/22/22	7/08/22	Gambia	C5	C5C		80-6m	C S 8 4	F5RAV	IK13uj	3941	E
7/17/22	7/21/22	S Cook Is	E5	E51RMP	OC-013	80-10m	QRP	ZL4TE	BG08cs	6926	WSW
7/18/22	7/19/22	S Cook Is	E5	E51RMP	OC-083	80-10m	QRP	ZL4TE	BH01cd	6823	WSW
6/28/22	7/12/22	St Pierre & M	FP	FP/KV1J	NA-032			KV1J	GN17tb	1020	NE
7/13/22	7/20/22	St Martin	FS	FS/W7NZJ	NA-105	20-10m	D	eQSL	FK881c	1652	SSE
6/28/22	7/05/22	Liechtenstein	HB0	HB0/OZ0J		80-10m	S C D	OX0J, eQSL	JN47sd	4022	NE
7/27/22	7/30/22	Honduras	HR9	HR9/K6VHF	NA-057	80-10m	8 s c	K6VHF	EK66tj	1785	SSW
6/24/22	7/02/22	Ogasawara	JD	JD1AJD	AS-030	20-6m	C 8 4	JA1ADT	PL54ps	7676	NNW
6/24/22	7/02/22	Ogasawara	JD	JD1AJD	AS-031	20-6m	C 8 4	LoTW	OL16cx	7255	NNW
6/30/22	7/08/22	Ogasawara	JD	JR3DVL	AS-031	6m	8		QL17cb	3664	NE
7/23/22	7/28/22	Alaska	KL7	KL7RRC	NA-070	40-6m	C S 8	N7RO	R091ds	4754	NW
NOW	8/31/22	Peru	OA	OA9DVK		80-10m	C S	IK6BFH	FI04tx	3121	S
6/26/22	7/06/22	Market Reef	OJ0	OH0MR		6m	8 C S	OG2M	JP40nh	3664	NE
6/26/22	7/06/22	Market Reef	OJ0	OJ0JR		6m	8 C S	OH3JR	JP40nh	3664	NE
6/27/22	7/11/22	Greenland	OX	OX3LX	NA-134	80-6m		OZ0J	GQ12ws	2350	N
7/17/22	7/31/22	Asiatic Russia	RI0	RI0QQ	AS-082				PQ41mp	4644	N
6/01/22	7/31/22	Gabon	TR8	TR8CR		40-20m	C	F6AJA (B/d)	JJ40rj	5871	E
7/12/22	7/28/22	St Kitts & Nevi	V4	V47JA		160-6m	S 8	LoTW W5JON	FK87pg	1713	SSE
7/01/22	7/12/22	Namibia	V5	V5/HB9BFM		80-15m		HB9BFM	JG73ni	7348	ESE
7/01/22	7/12/22	Namibia	V5	V5/HB9BFM		80-15m		HB9BFM	JG83qe	7466	ESE
7/15/22	8/??/22	Macquarie I	VK0	VK0MQ	AN-005	80-10m	S 8	tba VK5HZ	QD95ki	9830	SW
NOW	TBD	Burkina Faso	XT	XT2AW		160-10m	C S	M00X0	IK92fh	4765	E
7/05/22	8/02/22	Nicaragua	YN	YN2RP		80-10m	C S D	LoTW NN3RP	EK71aw	2065	SSW
7/01/22	7/05/22	Fernando de Nor	ZY	ZY0FUN		40-6m	C 8	LoTW PY2RN	HI36sd	4023	SE



LICENSE EXAMS



Our ARRL-VEC accredited Volunteer Examiners give exams for all classes for the license.s of FCC amateur radio licenses. The cost is \$15 to the ARRL for the exam. Assuming you pass, FCC will then charge an additional fee for the license. To schedule an exam, call Larry Puccio at 732 349-2950 for details and an appointment.

Michael Larkins WA2CWX Worked:

Band	Call	Entity	Date (UTC)	Time	Freq	Mode	Loc	Miles	Dir	End time
20	OZ5DX	Denmark	2022/06/03	22:27	14.02	CW	J054ws	3894	NE	22:28
20	TI2VVV	Costa Rica	2022/06/03	03:14	14.19	SSB	EJ79xw	2162	SSW	03:14
20	HA8RM	Hungary	2022/06/03	03:03	14.04	CW	JN96uw	4448	NE	03:04
20	LZ2VU	Bulgaria	2022/06/03	02:51	14.18	SSB	KN33gs	4846	NE	02:52
20	HA8RM	Hungary	2022/05/24	04:01	14.04	CW	JN96uw	4448	NE	04:03
20	OM3JA	Slovak Republic	2022/05/24	03:58	14.01	CW	JN88tf	4319	NE	03:59
20	9Z4Y	Trinidad & Tobago	2022/05/24	03:49	14	CW	FK90hm	2185	SSE	03:50
20	OK1CF	Czech Republic	2022/05/24	03:35	14.02	CW	J060tl	4086	NE	03:35
20	R7TW	European Russia	2022/05/20	02:48	14.02	CW	LN14wj	5460	NE	02:49
20	E77A	Bosnia-Herzegovina	2022/05/20	02:42	14.01	CW	JN83so	4481	NE	02:43
20	HA60A	Hungary	2022/05/20	02:37	14.01	CW	J060tl	4086	NE	02:39
20	RW7F	European Russia	2022/05/20	02:32	14.02	CW	KN88wb	5078	NE	02:32
40	T42ITU	Cuba	2022/05/17	02:07	7.02	CW	EL83td	1256	SSW	02:07
20	9K2NO	Kuwait	2022/05/15	01:58	14.23	SSB	LL39xg	6390	NE	01:58
20	LZ2AO	Bulgaria	2022/05/15	01:54	14.19	SSB	KN33gt	4844	NE	01:56
20	RG6G	European Russia	2022/05/15	01:49	14.03	CW	LN05wf	5351	NE	01:49
20	FY5KE	French Guiana	2022/05/15	01:47	14.02	CW	GJ35qd	2760	SE	01:47
20	UB7K	European Russia	2022/05/15	01:42	14.01	CW	KN85eh	5153	NE	01:45
20	4Z1JS	Israel	2022/05/14	01:52	14.22	SSB	KM72ld	5713	NE	01:53

Larry Puccio K2QDY Worked:

DATE	TIME	FREQ	MODE	CALLSIGN	ENTITY	LOC	MILES	DIR
5/27/2022	23:24	14.02	CW	E77EA	Bosnia-Herzegovina	JN84ou	4421	NE
5/27/2022	23:26	14.02	CW	ZF2RN	Cayman Is.	EK99ig	1490	SSW
5/27/2022	23:49	14.02	CW	SP8R	Poland	K010cb	4430	NE
5/28/2022	00:45	10.11	CW	HB9CVQ	Switzerland	JN47ei	3967	NE
5/28/2022	00:51	7.03	CW	LY10LY	Lithuania	K015kg	4267	NE
5/28/2022	00:24	7	CW	HA7RY	Hungary	JN97op	4402	NE
5/28/2022	00:27	7	CW	YT5A	Serbia	KN04ev	4550	NE
6/ 4/2022	21:41	21.04	CW	II4WRTC	Italy	JN54pk	4183	NE
6/ 4/2022	22:02	14.27	SSB	IK2ANI	Italy	JN62ks	4309	NE
6/ 4/2022	22:49	14.23	SSB	GB70E	England (Windsor Castle)	I091vl	3503	NE
6/18/2022	21:52	14.02	CW	OK1CZ	Czech Republic	J070ec	4127	NE
6/18/2022	22:50	14.02	CW	P3X	Cyprus	KM64ox	5506	NE
6/ 2/2022	21:32	14.01	CW	IZ4ZZB	Italy	JN54pm	4181	NE
6/ 2/2022	21:37	14.01	CW	404T	Montenegro	JN92gk	4566	NE
6/ 3/2022	20:53	14.01	CW	SM5DYC	Sweden	J089hw	3915	NE
6/ 3/2022	21:08	28.42	SSB	K0EED	MOORHEAD, MN	EN16ow	1225	WNW
6/ 8/2022	15:37	28.46	SSB	VE2CSI	Canada	F060te	804	NNE
6/10/2022	15:49	28.4	SSB	KW7Y	CAMANO ISLAND, WA	CN88ce	2481	WNW
6/11/2022	20:44	14.01	CW	OZ4UN	Denmark	J065ex	3879	NE
6/12/2022	21:12	14.01	CW	LZ2HR	Bulgaria	KN33mf	4887	NE
6/12/2022	21:24	14.01	CW	LB6GG	Norway	J028wt	3586	NE
6/12/2022	21:33	14.03	CW	RT5T	European Russia	K085ss	4717	NE
6/12/2022	21:45	14.03	CW	HA7RY	Hungary	JN97op	4402	NE
6/12/2022	22:00	14.02	CW	DP70DARC	Germany	J040ic	3901	NE
6/12/2022	23:18	14.02	CW	CT3MD	Madeira Is.	IM13tb	3195	E
6/22/2022	20:31	14.03	CW	LY2PX	Lithuania	K015kg	4267	NE
6/22/2022	20:51	14.01	CW	GM3ITN	Scotland	I085hr	3302	NE
6/22/2022	21:47	14.02	CW	YU7QF	Serbia	KN04gv	4557	NE
6/22/2022	21:53	14.02	CW	HA3IC	Hungary	JN86sj	4379	NE
6/22/2022	22:00	14.01	CW	9Z4Y	Trinidad & Tobago	FM90hm	975	SE

July						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Canada Day	2
3	4 Independence Day	5	6 7:30 pm ARES digi net 145.170 MHz; 8:30 pm ARES voice net 449.825 Mhz	7 7:00 pm HCARC MEETING See page 3	8	9
10	11	12 VE Session Tomorrow by appoint.	13 7:30 pm ARES digi net 449.825MHz; 8:30 pm ARES voice net 145.870 Mhz	14	15	16
17	18	19	20 7:30 pm ARES digi net 145.170 MHz; 8:30 pm ARES voice net 449.825 MHz	21	22	23
24	25	26	27 7:30 pm ARES digi net 449.825 MHz; 8:30 pm ARES voice net 145.870 MHz	28	29	30
31						