

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

May 2023

Toms River, NJ

Our President's Message

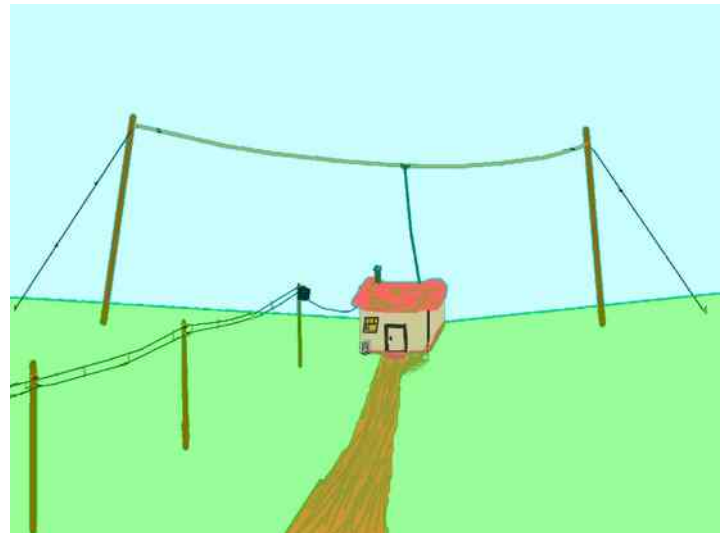
May, 2023



Well, as the saying goes, "Spring has Sprung" and our activities are beginning to move outdoors. As radio amateurs, some of that activity involves repairing and possibly installing our antenna systems. Without further comment, SAFTEY, SAFETY, SAFETY cannot be stressed enough. Whether it means observing power lines or proper ladder etiquette, SAFETY is the first line of instruction on any "to do" list for antenna projects.

Since your antenna is the link from your transmitter to the outside world, no matter how good (or expensive) your radio might be, the success of your QSO depends on the quality of your antenna system. While the propagation of the radio waves is such a variable, it is important to have the proper antenna system capable

of meeting the variety of conditions.



Join us at our May meeting for a discussion of the different types of antennas and transmission lines.

Doug Poray, Pres., HCARC

Happy Birthday To:

- Anthony Manus KD2RBZ
- Jeffrey Pennell KA2DHE



URGENT MESSAGE

Due to a scheduling problem, our May meeting will be Wednesday, May 3, instead of Thursday, May 4.

OUR NEXT "REGULAR" MEETING:

Wednesday, May 3rd at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News



May 2023

SNJ VARA FM Network as 4/19/2023

The SNJ VARA FM Network is currently on a single frequency 145.010 Mhz.

It encompasses 3 RMSs and 3 Digipeaters all on 145.010 Mhz, all on emergency power.

RMS

Atlantic Country ~ AC2NJ-10 ~ Located in Egg Harbor Township area

Burlington County ~ KC2QVT-15 ~ Located in Westhampton at EOC

Ocean County ~ WX2NJ-10 ~ Located in Bayville

Digipeaters

Burlington County ~ NJ1SP-14 ~ Located in Chatsworth/Woodland area.

Ocean County ~ WA2RES-15 ~ Located in Berkeley Township

Ocean County ~ W2RES-14 ~ Located in Barnegat Township

Future Wishlist Additions

Western Burlington County

Southern Counties – at least one in Western Atlantic, Cumberland, or Gloucester.

Thanks to WB2ALJ (SNJ SEC), who is driving the point of having a uniform digital network for message exchange, which can operate without the Internet.

I want to introduce you to a very nice product for providing short term backup power, which can be very

useful for amateur use in the home or in the field. It is a BLUETTI Model EB3A power supply featuring LiFePO4 batteries (268 Watt-Hour Capacity). The front Panel is below:



First off, it is light in weight, only 10 lbs. with a nice carry handle. It can be charged by 120 VAC (cord supplied) or 12 to 28 VDC (solar panel cord supplied). Charge time with AC power is very fast. If you want to use a DC charging cord without solar connectors, several are available including just pigtails.

What does it provide? Plenty! It has a 12 VDC, 10 amp output using a lighter port and/or DC jacks. The jacks are standard size, similar to connectors on CCTV cameras, etc. There are also two USB-A connectors providing 5 VDC at 3 amps and a USB-C connector. If in the dark, it has a light with two brightness options or a flashing mode.

The unit also contains a solid state inverter that provides sine-wave 120 VAC with a current of 5 amps (600 watts continuous, 1200 watts surge). The front panel display shows you exactly what is going in and coming out of the unit and battery condition. There is also an estimated time remaining of the battery.

Another unique feature is the wireless charging plate on the top of the unit. See below.

[Continued on page 3]

[Continuing from page 2]



I would not use the unit as a regular UPS backup supply since the fan is running and the unit produces a lot of heat, but for emergency use or solar panels in the field, it is a very handy device. It has a two year manufacturers warranty.

73 de [WX2NJ](#)

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

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	732-966 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 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.

Ocean Co. ARES Net Schedule For May

May 3, 145.170 Digital at 7:30 PM, 449.825 ARES Voice at 8:30 PM.

May 10, 449.825 Digital at 7:30 PM, 145.170 Skywarn at 8:00 PM, 145.170

ARES Voice at 8:30 PM.

May 17, 145.170 Digital at 7:30 PM, 449.825 ARES Voice at 8:30 PM.

May 24, 449.825 Digital at 7:30 PM, 145.170 ARES Voice at 8:30 PM.

May 31, 145.170 Digital at 7:30 PM, 449.825 ARES Voice at 8:30 PM.

OMARC The Ocean-Monmouth Amateur Radio Club

SPRING HAMFEST



Saturday, June 3, 2023
7:30 am - 1pm
 (rain or shine)

Our New and Improved Location
**The Spring Lake Heights
 Fire Company No. 1**
700 Sixth Avenue
Spring Lake Heights, NJ 07762

(1 block from Spring Lake railroad station on the Bay Head NJ line)

Coordinates: +040.1494 -074.0369

Parking on Street

Vendors arrive at 7am

Outside Tables: \$10

Tables under Pavilion: \$15
 Electric Available

Club Table (with steep discounts)

FREE FOR ALL Table

Event Opens 7:30am

Admission Fee: \$5

Kids 12 yrs and under FREE

Food & Drinks Available

DOOR PRIZES



VE Session - 10am in Meeting Room

VE Contact: Ken Brockel - WA2FPB
908-309-3436 KHBROCKEL@VERIZON.NET

Call in on 145.110, -600 CTCSS 127.3

For additional info call
 Co-Chairman Joe Kruszewski KC2SVS
 Cell: 732-618-5328 joekru1@hotmail.com

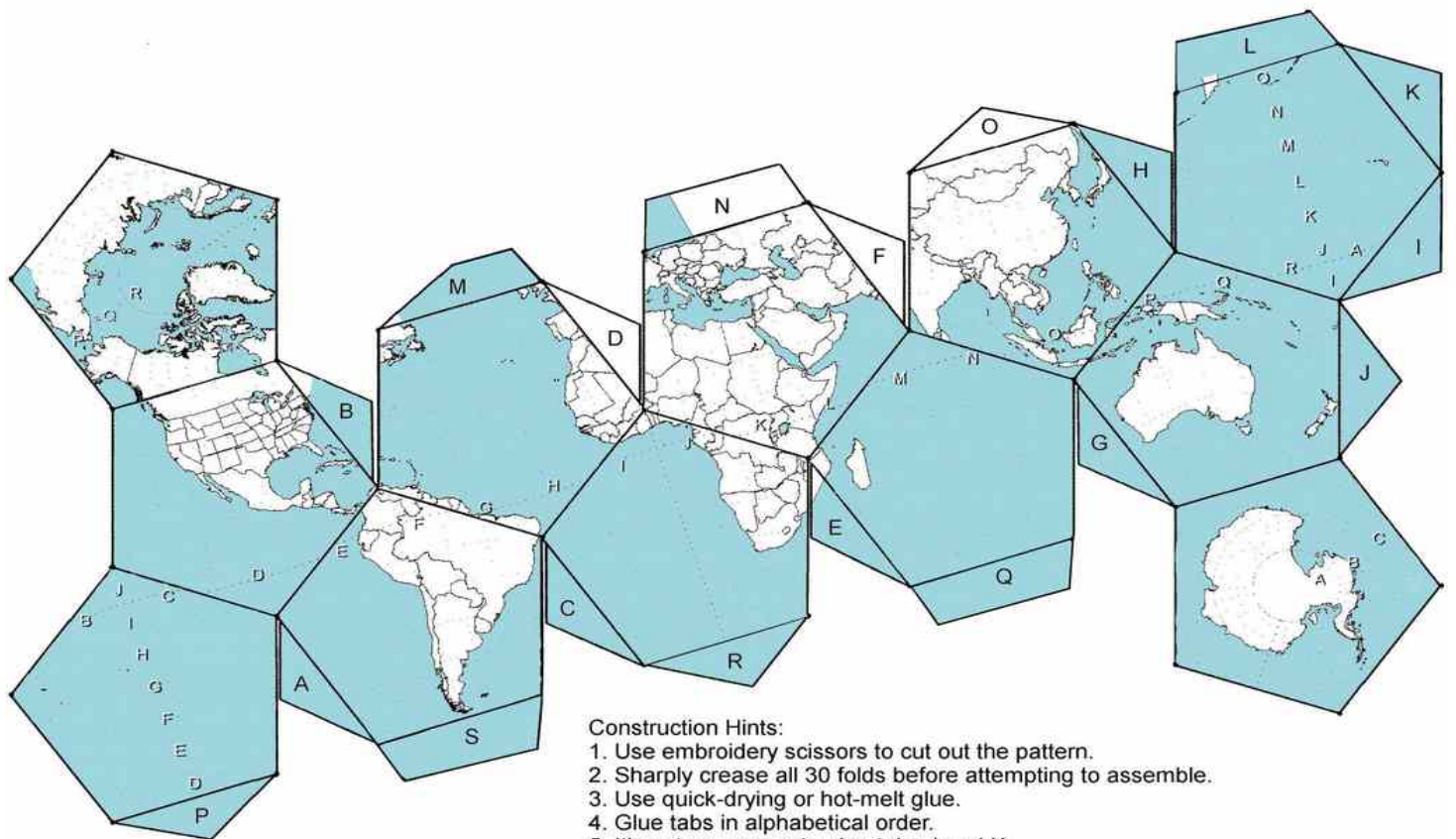
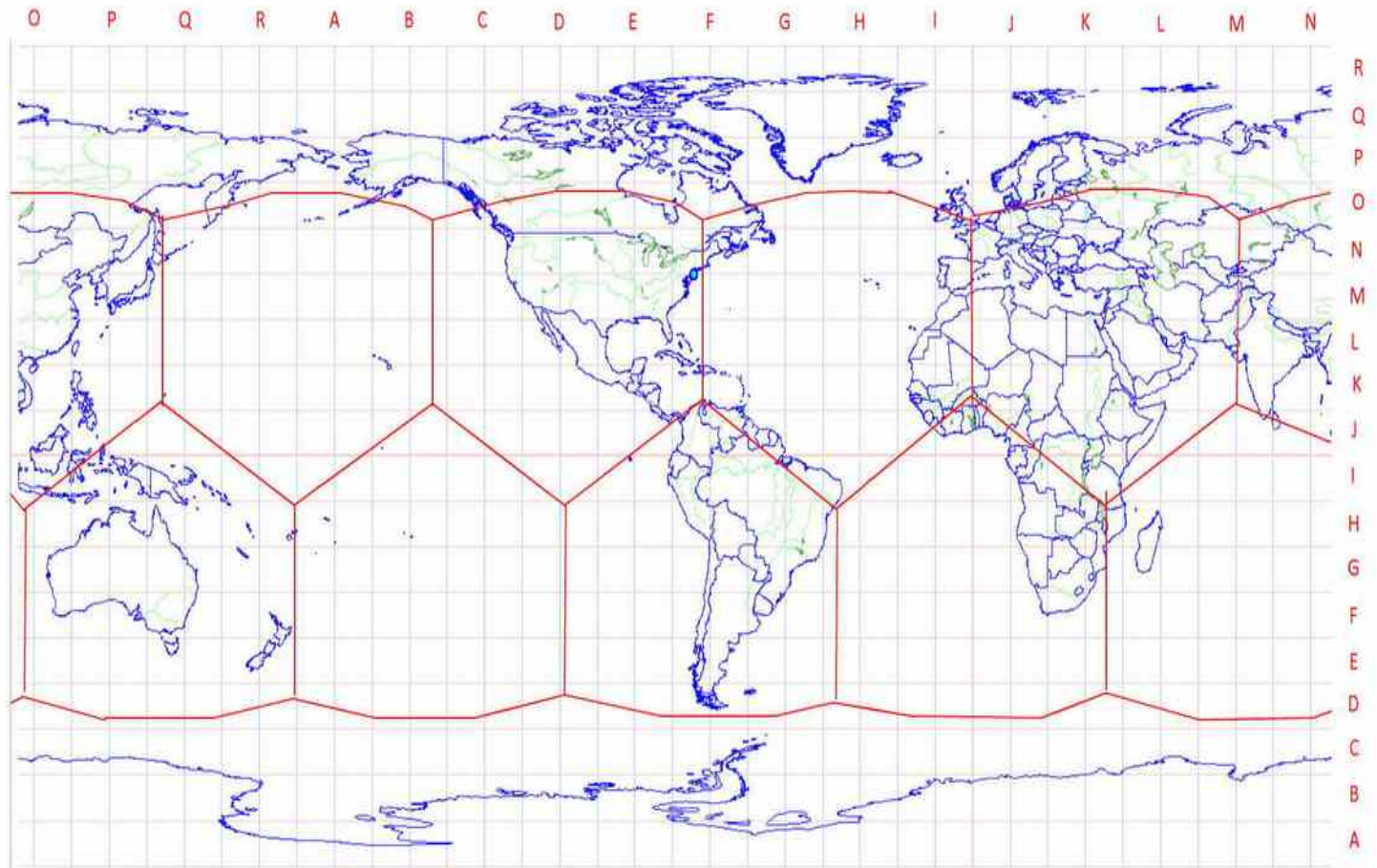
Larry Puccio K2QDY Worked:

DATE	TIME	FREQ	MODE	CALL	ENTITY	LOC	MILES	DIR
3/23	04:33	1.820	CW	CY0S	Sable I.	FN93xw	779	ENE
3/24	16:02	14.026	CW	LY2PX	Lithuania	KO15kg	4267	NE
3/25	16:44	14.185	SSB	CQ8Q	Azores	HM68jr	2487	ENE
3/25	16:49	14.217	SSB	CO2XN	Cuba	EL83td	1256	SSW
3/25	17:01	14.303	SSB	OM7M	Slovak Republic	JN98ep	4333	NE
3/25	17:07	14.336	SSB	OH0V	Aland Is.	JP90we	4010	NE
3/25	17:16	14.280	SSB	IO4T	Italy	JN62ks	4309	NE
3/25	17:18	14.245	SSB	9A50P	Croatia	JN86mb	4371	NE
3/25	17:23	14.240	SSB	II2S	Italy	JN55fk	4115	NE
3/25	17:24	14.227	SSB	HA8IB	Hungary	KN07oc	4501	NE
3/25	21:55	28.327	SSB	PV2G	Brazil	GH49eq	3765	SSE
3/25	21:56	28.318	SSB	8P5A	Barbados	GK03ef	2050	SSE
3/25	23:05	14.214	SSB	PY3NY	Brazil	GG40li	5037	SSE
3/25	23:09	14.222	SSB	PP2DX	Brazil	GH64fo	4195	SSE
3/25	23:11	14.226	SSB	TI1I	Costa Rica	EK70wf	2143	SSW
3/25	23:14	14.242	SSB	VE2GSO	Canada	FN58sl	655	NNE
3/25	23:16	14.258	SSB	VA1MM	Canada	FN84dr	631	NE
3/25	23:23	14.270	SSB	V26EI	Antigua and Barbuda	FK97dc	1749	SSE
3/25	23:25	14.274	SSB	SJ2W	Sweden	KP04hm	3907	NNE
3/25	23:29	14.287	SSB	ZW5B	Brazil	GG54kl	4807	SSE
3/25	23:32	14.291	SSB	PJ4R	Bonaire	FK52vd	1958	SSE
3/25	23:32	14.295	SSB	NP4VM	Puerto Rico	FK68xi	1572	SSE
3/26	00:08	7.011	CW	V26EI	Antigua and Barbuda	FK97dc	1749	SSE
3/26	00:22	14.027	CW	9G4X	Ghana	IJ95tl	5125	E
3/26	14:55	28.360	SSB	II8K	Italy	JM89di	4585	ENE
3/26	14:59	28.353	SSB	9A5Y	Croatia	GN85oo	1632	ENE
3/26	15:00	28.353	SSB	IR9W	Italy	JM76lr	4624	ENE
3/26	15:02	28.383	SSB	9A50P	Croatia	JN86mb	4371	NE
3/27	21:11	14.020	CW	XE1XR	Mexico	EK09kk	2047	SW
3/27	21:36	14.011	CW	V26EI	Antigua and Barbuda	FK97dc	1749	SSE



April 2023 VE Session

At our April 12th VE session we had one candidate. He passed the Extra grade test and indicated he would be joining our club at the May meeting. The VEs in attendance were John Roberts, Steve Jackson and Larry Puccio. Our next VE session is scheduled for Wednesday, May 10th in the Holiday City South Clubhouse, Building A Conference room at 7:00 PM.



Construction Hints:

1. Use embroidery scissors to cut out the pattern.
2. Sharply crease all 30 folds before attempting to assemble.
3. Use quick-drying or hot-melt glue.
4. Glue tabs in alphabetical order.
5. It's not necessary to glue tabs J and K.

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
2023 Apr20	2023 Apr23	Monaco	3A	3A/IW1RBI		80-10m	8 c s	LoTW	JN33rr	4038	ENE	425DXN
2023 May01	2023 May05	Fiji	3D	3D2LYC	OC-189	30-10m	C S	VE3LYC (B/d)	AH03ii	7743	W	OPDX
2023 May01	2023 Jun15	Niger	5U	5UA99WS		40-10m	8 s	LoTW	<i>JK13gl</i>	4931	E	DXW.Net
2023 Apr24	2023 May10	Uganda	5X	5X2I		40-10m	C 8 s	LoTW	KJ60hh	7096	ENE	DXW.Net
2023 Apr27	2023 May07	Maldives	8Q7	8Q7KB	AS-013	40-6m	C F	LoTW	<i>MJ65tg</i>	8709	NE	DXW.Net
2023 May20	2023 Jun04	Maldives	8Q7	8Q7VJ	AS-013	40-6m	C F	LoTW				TDDX
2023 May20	2023 Jun04	Maldives	8Q7	8Q7VJ	AS-013	40-6m	S F	LoTW	MJ65tg	8709	NE	TDDX
2023 May23	2023 Jun14	Rwanda	9X	9X2AW		160-10m	C S D	M00X0	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>	8715	SSE	ARLD055
2023 Apr29	2023 Apr30	Andorra	C3	C37RC		80-10m	C S 8	LoTW, URA	JN02rn	3801	ENE	TDDX
2023 Apr24	2023 May03	Cuba	C0	C030RRC	NA-086	80-10m		N7R0	FL02tn	1227	SSW	ARLD016
	2023 Jun30	Germany	DA	DR0LIMES				oper instr	J040ic	3901	NE	ARLD041
2022 Jan01	2023 Sep30	Germany	DA	DR45HAAN				DL7DT	J040ic	3901	NE	ARLD039
2023 Apr30	2023 May09	Spratly Is	DX0NE	DX0NE	AS-051	160-6m	C S 8	LoTW IZ8CCW	OK71db	8874	N	N8WRL
	2023 Aug15	St Barthelemy	FJ	FJ4WEB	NA-146	40-10m	S	K2LI0	FK87ov	1672	SSE	ARLD002
	2023 Dec31	Wallis & Fortuna	FW	FW1JG	OC-054			LoTW F4CIX	AH16vq	7439	W	ARLD003
2023 May28	2023 May31	Scotland: Rockall	GM	MM0UKI/p	EU-189	80-10m		M00X0 Direct	I037do	2897	NE	DXW.Net
2023 May04	2023 May11	San Andreas & Providencia	HK0	HK0/PY8WW	NA-033	40-6m	S C 8	LoTW	EK92dm	1951	SSW	TDDX
	2023 Jun01	Djibouti	J2	J28HJ		80-10m	S 8	LoTW	LK11mn	7082	ENE	ARLD029
2023 Apr19	2023 May06	Guinea Bissau	J5	J5JUA	AF-020	80-10m	8	CT2GQA	<i>IK20dw</i>	4080	ESE	TDDX
2023 Apr25	2023 Apr28	St Vincent	J8	J8/WV2B	NA-025	17-10m	S C	WV2B Direct	FK92jf	2075	SSE	TDDX
2023 Apr22	2023 May05	Ogasawara	JD1	JD1BMH	AS-031	40-10m	C S R	JD1BMH Buro	QL17cc	7248	NNW	DXW.Net
2023 May20	2023 May27	Market Reef	OJ0	OJ0/LB5SH	EU-053	80-4m	S C 4 8	EA5GL	JP90mh	3980	NE	DXW.Net
	2024 March	Antarctica	RN**	RN10N	AN-016		C S D	RI1ANC	<i>OB31km</i>	9782	S	ARLD052
	2023 Jun06	West Kiribati	T30	T30UN	OC-017	160-6m	C S 8	ClubLog	RJ61nh	7347	WNW	ARLD041
	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 May26	2023 May29	Iceland	TF	TF/DL1MGB	EU-021	80-10m	C	DL1MGB buro	IP15mm	2826	NNE	DXNews
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
	2025?	Brunei	V8	V85NPV			C	LoTW	<i>OJ74fi</i>	9331	NNW	F5NPV
	2023 Dec31	Australia	VK	VK100ZL				borough	QF21ev	10382	W	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 Apr01	2023 Jun30	India	VU	AU40NRO				VU2NRO	ML88pq	7358	NNE	ARLD013
	2023 May30	Mexico	XE	4A90				LoTWS	DL80ip	2171	WSW	ARLD016
	2023 Dec31	Indonesia	YB	YB8QT	OC-210	80-10m	D S	IK2DUW	<i>PJ21ib</i>	9366	NNW	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	RE78kp	8919	WSW	DX News

May						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 MAY 3rd: 7:30pm ARES digi net 145.170MHz ; 8:00pm ARES voice net 449.825MHz	3 7pm HCARC MEETING See page 1	4 (This month's HCARC meeting rescheduled to Wed. May 3rd)	5	6 Many QSO Parties, see page 8
7 QSO Parties continue	8	9 License Exams tomorrow (by appointment See page 3)	10 7:30pm ARES digi net 449.825MHz; 8:30pm ARES voice net 145.870MHz	11	12	13 Crossband Test; VE4, VE5, VE6 QSO Parties
14 QSO Parties continue	15	16	17 7:30pm ARES digi net 145.170MHz ; 8:00pm ARES voice net 449.825MHz	18	19	20 Armed Forces Day; Arkansas QSO Party
21 QSO Party continues	22	23	24 7:30pm ARES digi net 449.825MHz; 8:30pm ARES voice net 145.870MHz	25	26	27
28	29	30	31 7:30pm ARES digi net 145.170MHz ; 8:00pm ARES voice net 449.825MHz			

It's QRP Party Month!

5/06/23 5/07/23 **Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington & Wyoming:** 7th Call Area QSO Party 7qp.org

5/06/23 5/07/23 **Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont:** New England QSO Party neqp.org/rules

5/06/23 5/07/23 **Delaware:** First State Amateur Radio Club fsarc.org

5/06/23 5/07/23 **Indiana:** Hoosier DX and Contest Club hdxcc.org/inqp

5/13/23 05/14/23 **VE4, VE5, VE6;** Canadian Prairies QSO Party: cpqp.ve6hams.ca

5/20/23 5/21/23 **Arkansas:** www.arkqp.com

We Thank The Following For The News:

Doug Poray KC2TZC, Steve Jackson N2WLH, Bob Murdock WX2NJ, Larry Puccio, Tom Preiser, Thom Roberts, Ken Botterbrodt K2WB, Gary Walters W8ZY, and Bill Feidt NG3K, and the ARRL.