

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

July 2026

Toms River, NJ

"July 2026 President's Message"



The warmer weather is a welcome change from the harsh winter we endured. Sitting on my porch and thinking about the many facets of amateur radio made me realize how many interests our hobby provides. From CW to voice communication to experimentation to antenna design to digital communication and the list goes on and on. With all these areas at our disposal we must not forget the basic mission of amateur radio. The mission of our hobby is summarized in the FCC Regulations Part 97.1. These five regulations are:

1.) "A voluntary noncommercial service, particularly with respect to providing emergency communications."

This does not mean that you must join an emergency group if it is not in your interest, however, you should be prepared for an emergency for yourself. Having a generator and a list of amateurs (and their call signs) in your area will provide emergency communications for yourself and make you available to assist others.

2.) "Continuation and extension of the amateur's proven ability to

contribute to the advancement of the radio art."

Many advances in science and technology have come from radio amateurs. Even new products have been developed as the result of the amateur community. Do not be shy with your ideas. Collaborate with other amateurs to expand your thoughts and knowledge.

3.) "Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and the technical phases of the art."

Guidelines should be established which will motivate amateurs to pursue both the technical and communication portions of amateur radio. Technology by itself is only part of the advancement process. Communication in both written and oral form completes the advancement process.

4.) "Expansion of the existing reservoir within the amateur service of trained operators, technicians, and electronic experts."

This is where all of us can have the greatest impact. We need to advertise our hobby to others either by direct contact or by example. Be proud of your hobby and invite others to participate at a club meeting or other event such as Field Day. And most importantly become a "mentor" to a new member of amateur radio. I have seen many people attend one or two events and then simply lose interest because no one has taken them "under their wings."

OUR NEXT REGULAR MEETING:

Thursday July 2nd

at 7:00 PM

Holiday City South Clubhouse A

Santiago Drive at Mule Road

5.) “Continuation and extension of the amateur’s unique ability to enhance international good will.”

This may seem obvious but can easily be overlooked. Not only does this apply internationally but it also applies to every contact we make. Our hobby is judged by your actions and words, and you should promote politeness and professionalism due amateur radio.

As you enjoy the portions of our hobby that interest you, please keep our mission statements in mind.

Doug Poray KC2TZC



We Say Happy birthday To:

Mike Bauer KC2KTC

Stan Stafiej KB2PD

Tom Tamaro KD2VMR

Carl Lee W2PTZ

And Happy Anniversary To:



Larry and Grace Puccio

Field Day June 2026

This year's Field Day was much cooler and the overcast weather provided relief from the intense heat experienced in past years.

The local American Red Cross Representatives stopped by prior to the start of Field Day and presented HCARC with a Certificate of Appreciation.

Despite the precipitation, three stations were operating on 40, 20 and 15 meters. One station attempted WSJT-X in FT-8 mode but band conditions were not conducive to completing the sequence necessary to complete any contacts. Operator switched to SSB Voice communication.

All three stations were able to make contacts with either CW or Voice. Of course, we could not be as close as we were if it were not for Carl Lee, W2PTZ for lending us those Band Pass Filters. Thanks Carl Lee.

Our club President, Doug Poray, was in rare form and was able to make several contacts. You would of thought it was his 1st contacts. Think we created a monster!

Fun was had by everyone present. There was plenty of water, Gatorade, snacks, and of course, Pizza!

Thanks to Thom Roberts and Carl Lee, we have pictures to share.



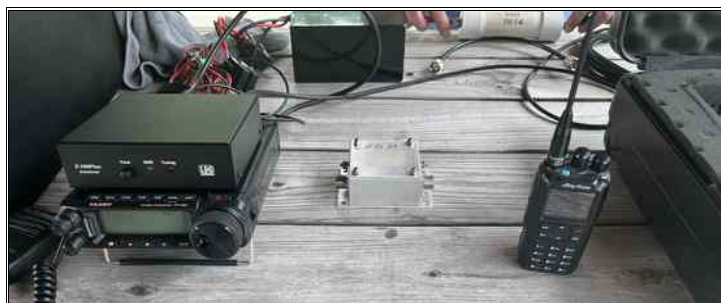
Steve D'Onofrio N2YLO and Larry Puccio K2QDY,
Steve Jackson N2WLH, John Perry KD2NDY



I need more hands -
Richard (aka Wolf) Wallace KD2ZIW



Steve D'Onofrio N2YLO, John Perry KD2NDY,
Richard (aka Wolf) Wallace KD2ZIW,
John Roberts KQ4WR, and Carl Lee W2PTZ



Radio Setup -
Steve D'Onofrio N2YLO



Vertical Antenna -
Steve D'Onofrio N2YLO



Go-Box Setup with WSJT-X Laptop -
Richard (aka Wolf) Wallace KD2ZIW



Radio Setup -
John Perry KD2NDY



FIELD DAY 2026
HELP WHEN IT MATTERS MOST!
GOOD AMATEUR RADIO PRACTICE
SAVES LIVES

PLEASE DO NOT TRANSMIT ON OR NEAR 7.135 MHz

7.135 MHz (7135 kHz) 40 METERS

KEEP THIS FREQUENCY CLEAR FOR EMERGENCY TRAFFIC

WHY THIS FREQUENCY?
A major earthquake struck Wenchuan on June 24, 2008, causing widespread damage and disrupting communication systems. Volunteer amateur radio operators are using 7.135 MHz to pass critical emergency traffic including:
 • Welfare and health & welfare messages
 • Requests for medical assistance
 • Logistics coordination
 • Information on damage and needs
 • Requests for supplies and transportation

HOW YOU CAN HELP
LISTEN, DON'T TRANSMIT
Monitor if you like, but please do not call CQ or transmit on or near 7.135 MHz.
GIVE IT SOME SPACE
Avoid transmitting general QRP activity and below 7.135 MHz to prevent adjacent-channel interference.
LET THE PROS HANDLE IT
Unless you are part of the official response network or asked to assist, please stay off the frequency.

REAL HAMS DON'T CAUSE QRM
Your discipline makes a difference. Summer's life may depend on it.

AMATEUR RADIO WORKS

IARU EMERGENCY FREQUENCIES
Other International Emergency Centers of Activity

80 METER	3,750 kHz
40 METER (IARU Region 2)	7,000 kHz
20 METER (Global Maritime)	14,300 kHz
17 METER	18,100 kHz
15 METER	21,300 kHz

KEEP 7.135 MHz CLEAR
SO EMERGENCY COMMUNICATIONS CAN GET THROUGH.

FD26 FIELD DAY 2026
BE RADIO ACTIVE!
WWW.AMRLIFELOGS.COM

From The OCARES Signal



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47th ANNUAL SCARC HAMFEST SUSSEX COUNTY ARC

Sunday July 12, 2026

Sussex County Farm & Horse Show Fairgrounds
Acres of outdoor tailgate space
and 12,000 sq. ft. of indoor space.
Food, Door Prizes and Ample Parking too!
Gates open at 6:00 am for sellers and 9:00 am for buyers.
VE Session held in Admin Bldg from 9:30 - 12:00



BUY - SELL - TRADE!
Starts 8:00 AM

Door Prizes

1st Prize: New ICOM IC-7000A Transceiver
2nd Prize: New ICOM IC-7000A Transceiver
3rd Prize: New ICOM IC-7000A Transceiver
4th Prize: New ICOM IC-7000A Transceiver
5th Prize: New ICOM IC-7000A Transceiver

WRITE NOW... RIGHT NOW!

Don't Miss... get information and advance registration now!
W4CZ TC, Steve Brown K2P7R
908.925.5121 #000000, NJ
11550
Phone: 973.862.4134 Email: hamfest@njarc.org



- Admission \$8
- Indoor Tables \$25
- Tailgate Space \$25 - includes One Admission
- Each Additional person \$8
- No electricity outdoors
- Bring your own table and chair
- Saturday Setup after 4PM
- Overnight camping fees: RV \$55 / Others \$30

Talk-In is 147.30 (+) PL 151.4

Sussex County Farm & Horse Show Fairgrounds
37 Plains Road, Augusta, NJ 07002
Lat / Long: 40° 10' 10.2" N / 74° 42' 10.2" W
Elevation: 61.000000 / 24.712333
Directions: NJ-108 to 10th exit and proceed
Follow road signs to gates 10th

For hamfest information and reservations please contact:
hamfest@njarc.org
www.hamfest.org
www.facebook.com/njarc
Phone: 973.862.4134

Hamfest of a Thousand Sorrows



NEW JERSEY ANTIQUE RADIO CLUB'S Summer Tailgate Swap Meet and Ham Fest

InfoAge Science History
Learning Center and Museum
2201 Marconi Road
Wall, New Jersey 07719

Saturday July 25th, 2026



Refreshments Available
\$30.00 for members
\$35.00 for non members
Bring your own tables
40 spaces available

For Directions
Visit our website: www.njarc.org
or set your GPS to
2201 Marconi Road, Wall NJ 07719

Vendors Make Your Reservations Now!

Contact:

NJARC President
Richard Lee
(974) 989-3781
radio@radio110.com



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Asphalt Antenna Challenge- What Would You Do?

Setting up an effective emergency antenna on asphalt presents unique challenges because the surface offers no electrical ground and prevents you from pounding stakes into the dirt. However, a single operator can establish reliable communications across the 6-40 meter bands (7-50 MHz) during a crisis by utilizing weight, friction, and proper design selection.

1. Select the Right Antenna Design

End-Fed Half-Wave (EFHW): A 40-meter EFHW (approx. 66 feet) requires only one high support point and operates on 40, 20, 15, and 10 meters without a tuner.

Dipole or Inverted-V: Balanced systems that require two support points but do not need a ground plane, making them highly efficient on asphalt.

Portable Verticals: Easy for a solo operator to erect but strictly require an artificial ground matrix laid out flat across the pavement.

2. Overcome the Support Challenge

Drive-On Mast Mounts: Park a vehicle tire over a flat metal plate containing a vertical sleeve to create an un-tippable base for a push-up mast.

Weighted Tripods: Use a heavy-duty speaker tripod loaded with sandbags, cinder blocks, or 5-gallon water jugs directly on the legs to prevent wind tipping.

Existing Infrastructure: Tie off wire ends to surrounding chain-link fences, light poles, or perimeter trees to eliminate the need for extra ground anchors.

3. Create an Artificial Ground (Counterpoise)

Radial Matrix: Lay 4 to 8 wires flat on the asphalt radiating outward from the antenna base to act as a ground plane.

Quarter-Wave Lengths: Cut radial wires to match a quarter-wavelength of your lowest frequency (about 33 feet for the 40-meter band).

Counterpoise Wire: If space is limited, run a single wire along the pavement edge raised slightly on plastic cones.

4. Cover the 6 to 40 Meter Range

Antenna Tuner (ATU): Use a wide-range automatic tuner at the radio or mast base to force non-resonant wires to accept power across bands.

Linked Dipole: Manually unclip internal wire segments to shorten the antenna length when changing bands from 40 down to 6 meters.

Resonant Multi-Banders: Deploy a multi-band antenna like an EFHW to naturally cover the core emergency frequencies without adjustments.

5. Solo Deployment & Safety Protocols

Ground-Level Rigging: Attach your balun, feedline, and guylines to the top of the telescoping mast while it is fully collapsed.

Top-Down Extension: Insert the collapsed mast into your weighted base and push the thinnest, topmost sections up first to keep the weight manageable.

Site Protection: Mark all wires and guylines with high-visibility orange cones, and protect your coaxial cable with rubber ramps.

“QSO PARTIES”

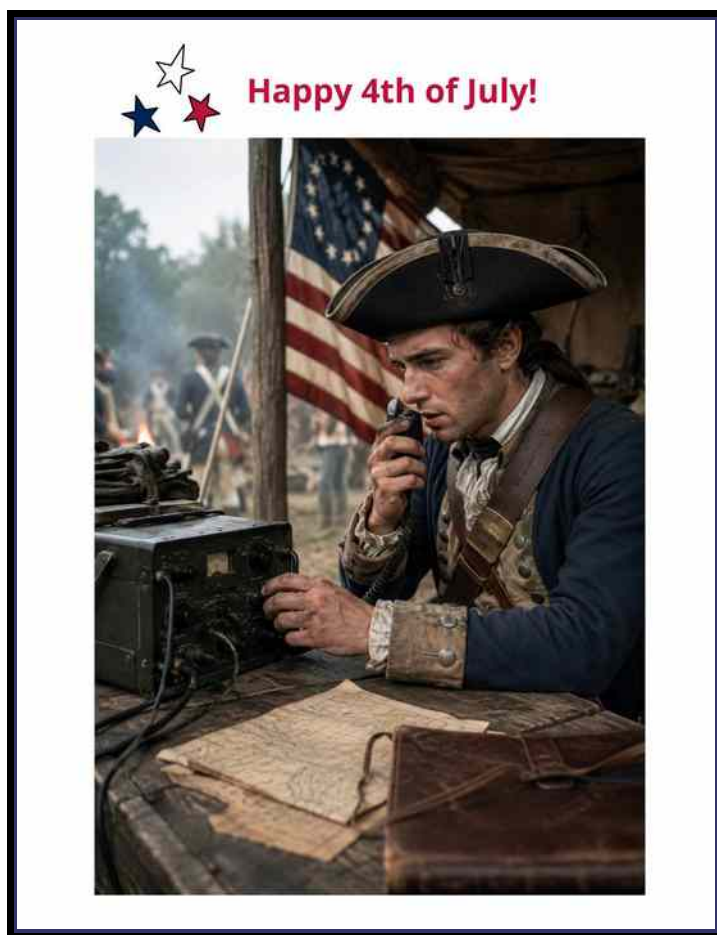
An easy and friendly way to "work" a US state to achieve Worked All States is to "work" the state's QSO Party. The best guide on the internet to upcoming QSO Parties is WA7BNM Contest Calendar.

Alabama - July 25 1500Z to July 26 0300Z:

At WA7BNM Contest Calendar,
just "Click" on the ones that interest you
to get more information.

“Classified Section”

1. NAME: Jeff Pennel KA2DHE
 - a) Contact Info: 609-668-3070
 - b) Equipment wanted: Small vertical TV antenna rotor for small Yagi. SWR Meter.
2. NAME: Richard Wallace KD2ZIW
 - a) Contact Info: kd2ziw@comcast.net or 732-575-6429.
 - b) Equipment wanted: Used Straight Key



Some DX Opportunities

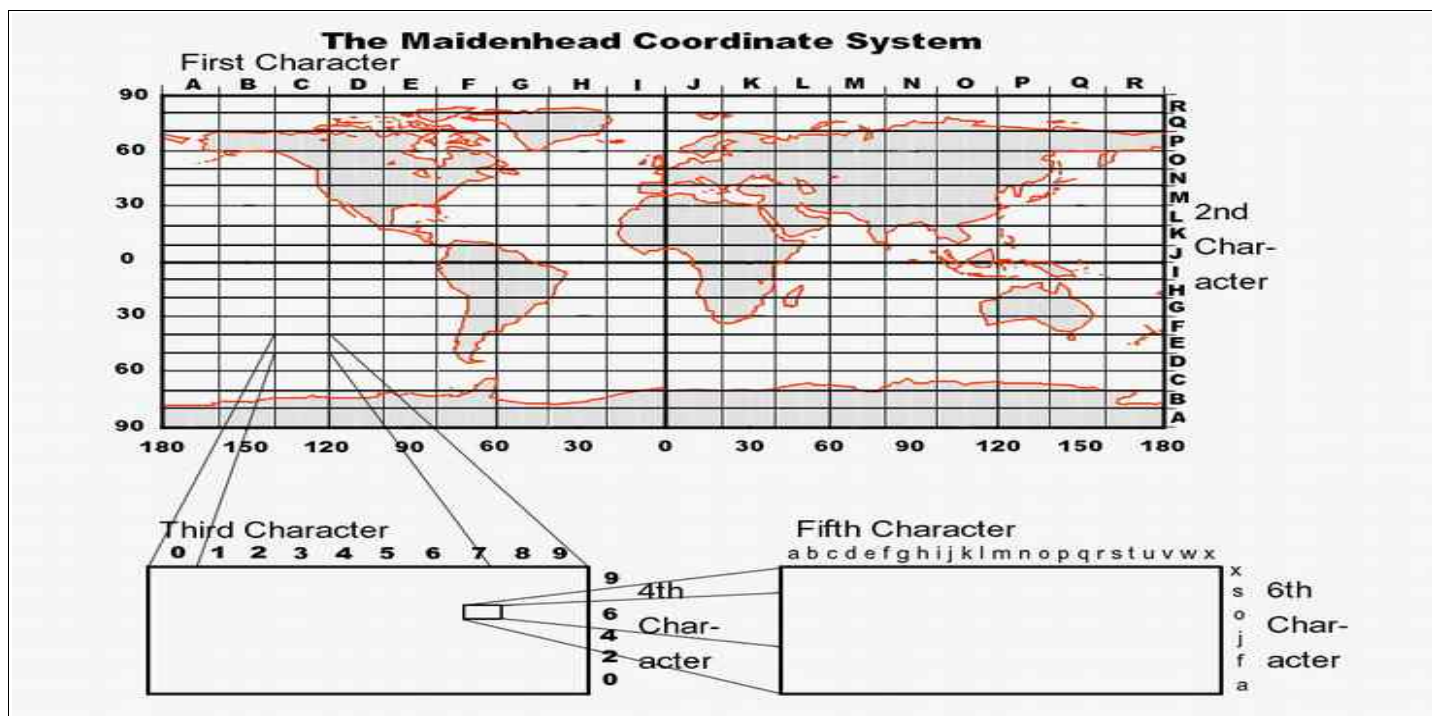
Opportunities shown in alphanumeric order of callsigns.

Mode codes: 3 = PSK31, 4 = JP4, 8 = JT8, C = CW, D = "digital", F = FM, O = Olivia, R = RTTY, S = SSB, T = Pix

Many thanks to Bill Feidt NG3K for ADX0. Also to Wikipedia, the ARRL, the RSGB, DX World, The Daily DX & QRZ.com.

START	FINISH	ENTITY	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC*	MILES	DIR	INFO by
2026 Jul23	2026 Aug08	Azerbaijan	4K	4K/DL4XT		20-10m	S C 8	LoTW	LN40vi	5866	NE	OPDX
2026 Jun08	2026 Jul07	Tanzania	5H	5H3DX		40-6m	C 8 4	LoTW	KI73tu	7540	E	TDDX
2026 Jul26	2026 Aug06	South Cook Is	E51	E51CZZ	OC-013	80-10m	S	IK2DUW	BG08ct	6921	WSW	OPDX
2026 Jul22	2026 Aug14	South Cook Is	E51	E51KEE	OC-013	80-10m	C s	LoTW	BG08ct	6921	WSW	OPDX
2026 Jun27	2026 Jul14	St Pierre & Miq	FP	FP/KV1J	NA-032	80-6m	S C 8	LoTW	GN17tc	1019	NE	TDDX
2026 May05	2026 Jul20	French Polynesia	F0	F0/F6BCW	OC-027	80-6m	C S	LoTW	CI00lf	5370	WSW	TDDX
2026 Jul02	2026 Jul11	Ogasawara	JD1	JD1BQP	AS-031	160-6m	C S 8	LoTW	QL17cb	7247	NNW	OPDX
2026 Jul02	2026 Jul11	Ogasawara	JD1	JR6HYO/JD1	AS-031	160-6m	C S 8	LoTW	QL17cb	7247	NNW	OPDX
2026 Jul03	2026 Jul14	Greenland	OX	OX/DL8JJ	NA-018	40-20m	C	LoTW	GQ82pv	2508	NNE	OPDX
2026 Jul03	2026 Jul14	Greenland	OX	OX/DL8JJ	NA-151	40-20m	C	LoTW	HP15es	2284	NNE	OPDX
2026 Jul04	2026 Jul23	Crete	SV9	SV9/HB9EMP	EU-015	80-10m		LoTW	JN47gn	3965	NE	OPDX
2026 Jul11	2026 Jul24	Crete	SV9	SV9/S50B	EU-015	SV9	C S D	LoTW	KM25hf	5120	ENE	OPDX
2026 Jun11	2026 Jul15	Cameroon	TJ	TJ1GD/p	AF-095	80-10m		LoTW	JJ43ox	5695	E	OPDX
2026 Jul07	2026 Aug04	Benin	TY	TY5FR		160-10m	C S	LoTW	JJ16fj	5231	E	TDDX
<u>2025 Apr01</u>	<u>2027 Apr01</u>	Marshall Is	V7	V73HW	OC-028	80-10m	S 8	KX4QD	RJ39re	7244	WNW	ARLD

*Some LOC data shown is approximated



July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2 HCARC MEETING 7:00 PM	3	4 Fourth of July
5	6	7	8 VE Session? 6:30pm	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30 Holiday City Diner – Board Meeting	31	
					Updated on	6/30/2026



Thank You To All Who Contributed!

Many Thanks To :

Doug Poray KC2TZC,
 John Roberts KQ4WR,
 Steven D'Onofrio N2YLO,
 Tom Preiser N2XW
 Carl Lee W2PTZ
 Steve Jackson N2WLH.



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	Mike Larkins	W2CWX	973-610-5773
Program Chair	Carl Lee	W2PTZ	732-575-7558
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

Membership is open to all interested persons. Ham license is not required. Dues are \$40.00 per year, payable January 1st. Members joining during the year will have the dues prorated. Family membership \$50.00 per family.

Meetings are held at 7:00pm 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. 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 Richard "Wolf" Wallace, KD2ZIW, 732-575-6429. kd2ziw@comcast.net