

PVRC Newsletter

July

Newsletter Editor: John K3TN jpescatore@aol.com

Website: <http://www.pvrc.org>

Meeting Info: <http://www.pvrc.org/chapters.htm>

Facebook: <https://www.facebook.com/groups/PotomacValleyRadioClub/>

President's Letter – Bill K3WA

Summertime and the living is easy... Whoa! Not so fast. It is summer. Many of us take summer vacations. Even this newsletter takes a summer vacation in August. But for many of us, we've got other things on our mind.

The PVRC 2025–2026 contest season just ended. The accounting work is just beginning and I, for one, am anxious to see the results. Who won their first 5M award plaque? Who were the Gold, Silver, and Bronze Olympics awardees? I wish you all the best as the cards are down and the counting begun.

But that's just the tip of the iceberg of a PVRCer's summer activity list. Our 2026–2027 contest starts this month. As you'll see in this newsletter, the new season's contests start soon and pick up speed rapidly. The first two HF contests are the IARU Championship starting on July 12 and the NAQP RTTY on the 18th. NAQP RTTY is a 5M contest.

The IARU Championship/WRTC is a big one. Along with sponsoring three WRTC tents, we have members participating as judges, contestants, and even a youth contestant. I wish them, and all testers everywhere, luck in the IARU Championship. Let's get on there and work them all.

But that's not all. Summer is the time for us to get outside, fix whatever needs fixing, improve our antenna farms, and for some of us who have just relocated, get some new antennas up while the weather is warm and good.

Please, please keep safety first in mind as you do that. Watch out for power lines as you put up new towers, masts, and/or wires. If you climb, check your safety gear before you do. And then climb safely. Every one of you is more important than your antennas.

GO PVRC!

73 and have fun... Bill K3WA

Prizes Galore at the W3LPL Open House – photos via Don K6ZO



Rich NN3W accepts his Icom 7300 raffle prize from the generous donor, DX Engineering CEO Tim K3LR



Mark K4SO and Rol K3RA show off their DX Marathon plaques.

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PVRCers at Hamvention – from K8CX’s [Hamvention Gallery](#)



Frank W3LPL and Mark KD4D



Steves Galore: NR4M and N2FT



Dave K3ZJ and Dorothy

N1EK for Hints for Digital Contesting – from the PVRC email reflector

Ed N1EK posted a nice set of digital contesting set-up and check-out notes to the PVRC reflector that answers many common questions. You can download it [here](#)

**Check List and Setup of Digital
To Enjoy in DX, Portable, and Contesting**

NR4O Field Day – Hank K3YDX

A group of PVRCers did a 1A Field Day effort at Jim K4QPL's son's place. An air-conditioned garage kept us cool, running a K3 to a 3 el SteppIR on a crank-up trailer tower. Ops were Eric NR4O, Hank K3YDX, Jim K4QPL, Wayne KU4V and Kevin KW4EE.

Mostly CW but some SSB on HF and 6m. Not sure of total Qs but we will post on 3830. The call used was NR4O.

Taking down the tower and beam: L-R KW4EE, KU4V, and K4QPL.



Kevin KW4EE on CW



Wayne KU4V exiting the SteppIR fall-over zone

Father/Son Field Day – Chip N2YO

This year I introduced my son, Filip KI4NYO, to contesting. He doesn't know CW yet, so he operated exclusively on SSB. We set up our operating position on the front lawn, hoping passing neighbors would become curious and stop by to see what we were doing. Unfortunately, there wasn't much foot traffic during the afternoon or evening.

The second day was far more challenging, with intermittent rain—sometimes quite heavy. One of our laptops suffered water damage, but fortunately I was able to recover the log. I later repaired the laptop as well, so in the end everything turned out fine. Filip celebrated his 35th birthday a few days later!



Call: NU2A
 Operator(s): N2YO KI4NYO
 Station: NU2A

Class: 2E LP
 QTH: VA
 Operating Time (hrs): 10

Summary:

Band CW Qs Ph Qs Dig Qs

Band	CW	Qs	Ph	Qs	Dig	Qs
160:						
80:	106					
40:	228					
20:	238		17			
15:	8		30			
10:	7		25			

Total:	587		72	0	Total Score = 2,492	

Club: Potomac Valley Radio Club

Growing Ham Radio in Malawi – Don K6ZO

PVRC members are helping grow an amateur radio community in Malawi from the ground up. Bill Perkins KC4D (7Q7WW) has been traveling to Malawi on mission trips with the Presbyterian Church since 2001. In his travels, Bill met Junior Nyirongo, who worked at Embangweni Mission Hospital. In 2009, Bill and Brian Pool 7Q7BP helped Junior Nyirongo become the first Malawian amateur radio operator in the country. In 2017, Bill introduced Don Jones, K6ZO (7Q6M), to Junior Nyirongo, 7Q7JN.

Don Jones has made 17 trips to Malawi since 2017. He started teaching amateur radio and STEM to youngsters in 2023. In 2024, the Jeffrey Dahn Memorial Foundation was established to honor KB3ZUK to educate African youth in STEM and amateur radio. As a result, twenty-four new amateur radio operators have been licensed in Malawi in the last two years. The Foundation is helping these youngsters with fees for secondary school and university. The Malawi Amateur Radio Society has been established and will become an IARU member Society later this year. The call sign of the headquarters station will be 7Q0HQ. The CCAP Church in Embangweni has offered us an abandoned cellular radio site for our station and learning center.

Our project this summer is to ship a 20ft sea container full of donations from Baltimore to Malawi. We are looking for towers, aluminum tubing, antennas, transceivers, amplifiers, hardline, coax, computers, ham radio accessories, and donations to help cover the cost of shipping the container. Please contact Don Jones at 7q6m.599@gmail.com if you have anything to donate. Monetary donations may be made online at <https://dahnfoundation.org> or by mail to

Jeffrey Dahn Memorial Foundation
Attn: Don Jones
3130 Wisconsin Ave NW #723
Washington, DC 20016

Jeffrey Dahn Memorial Foundation is a registered 501(c)(3) non-profit corporation. Anyone interested in joining us in Malawi is certainly encouraged to participate! Thanks for your support!



PVRC 160 Meter DXCC Standings – Frank W3LPL

Below are the 160M DXCC totals for PVRC members, transcribed from the ARRL [DXCC data](#) as of the 20th of each month or so. Thanks to Frank for the data each month to make this a regular feature. Please report any omissions or errors to [Frank](#).

CALL	DXCC	CALL	DXCC	CALL	DXCC	CALL	DXCC
W8LRL	344	WS6X	221	WA2BCK	151	N4DJ	119
W4DR	339	W4NL	214	N5JB	151	W4HZ	119
W4ZV	339	W3YY	213	N3QE	150	K0GD	116
W3UR	322	N4MM	212	K3TN	149	K3OSX	114
W3LPL	317	K3WA	211	N4GG	145	K5RJ	114
K4CIA	306	K5RT	209	N3KK	144	N3MN	114
K4ZW	305	K3JT	207	KM3T	144	W3MR	114
N2QT	287	K1GG	202	W3BW	141	KA4RRU	113
W4PK	287	W3GG	200	W4JVN	141	K1KO	112
K3SX	286	N4DB	192	W4VIC	141	W3UL	112
K4SO	283	K4FJ	192	W2YE	138	W3XY	112
KG4W	280	N3OC	182	W4YV	138	NA1DX	111
K6ND	270	K4RG	178	K5VIP	134	N3HBX	110
N3NT	264	K3WC	177	AA4NC	132	N3IQ	110
W3DF	257	K2PLF	174	N3MK	131	W3NRJ	108
K5VRX	256	K3AJ	174	KM3V	131	W4ZYT	108
W3KX	255	W3IP	173	N0YY	129	W3KB	107
AB3CV	251	W4FQT	172	N3KS	129	N4NW	105
WB3AVN	247	N4PY	170	N3RR	129	W3TMZ	104
WX4G	243	N4XX	169	W0YVA	129	W3EKT	102
W3LL	242	N4QQ	168	K3XA	128	KN4KL	102
KG7H	242	K4XD	168	W4NF	123	WA3EKL	101
K1HTV	239	K3KY	166	K1BZ	122	KE4S	101
K5EK	236	K3RA	160	W2GG	121	N3AF	100
K3SWZ	235	NR4M	160	N3ND	121	K3TZV	100
K1AR	234	N3RC	157	AE3T	121	KC4D	100
K4XL	232	N3UA	156	N4TL	121	N4ZR	100
W0VTT	226	N8II	153	K2BA	120		
N1LN	223	W2RS	152	W4PRO	120		



Membership News – Steve NC4SW

Chapter leaders please remember to complete the [Meeting Attendance Report](#).
Members can check and update their roster details via the [Roster Lookup](#).

Upcoming Contests – from [WA7BNM](#)

July 2026

<u>+ RAC Canada Day Contest</u>	<u>0000Z-2359Z, Jul 1</u>
<u>+ CQ Worldwide VHF SSB/CW Contest</u>	<u>1400Z, Jul 4 to 1400Z, Jul 5</u>
<u>+ IARU HF World Championship</u>	<u>1200Z, Jul 11 to 1200Z, Jul 12</u>
<u>+ CQ Worldwide VHF Digital Contest</u>	<u>1400Z, Jul 18 to 1400Z, Jul 19</u>
<u>+ North American QSO Party, RTTY</u>	<u>1800Z, Jul 18 to 0559Z, Jul 19</u>
<u>+ YOTA Contest</u>	<u>1000Z-2159Z, Jul 19</u>
<u>+ RSGB IOTA Contest</u>	<u>1200Z, Jul 25 to 1200Z, Jul 26</u>

-

RED – scores count towards PVRC 5M Awards or Challenge Program

Editor’s Last Word – John K3TN

Thanks to K6ZO, N1EK, K3YDX, N2YO and W3LPL for contributions to this issue of the PVRC newsletter.

I’ve got two grandkids born on holidays (Independence Day and Thanksgiving) that every few years align with operating events (Field Day and CQ WW CW) and attending a birthday party takes precedence – limited FD activity for me this year but still lots of fun. I plan to spend some time rehabbing my wire antennas after getting some tree work done.

The quality and usefulness of the PVRC newsletter depends on contributions from members. If you have photos from club meetings, screenshots of new contest software, or writeups on station improvements or contest war stories, send them in any format to [jpescatore at aol dot com](mailto:jpescatore@aol.com).

The Newsletter takes August off – see you in September, as the old song goes...



From the PVRC Treasurer – Ted WA3AER

PVRC has chosen not to implement an annual dues requirement. We depend on the generosity of all our club members to finance our annual budget. In addition, active PVRC members are expected to participate and submit logs for at least two PVRC Club Competition contests per year.

When contemplating your donation to PVRC, each member should consider the benefit you are receiving from PVRC and its many opportunities for your personal growth in our wonderful hobby, then donate accordingly.

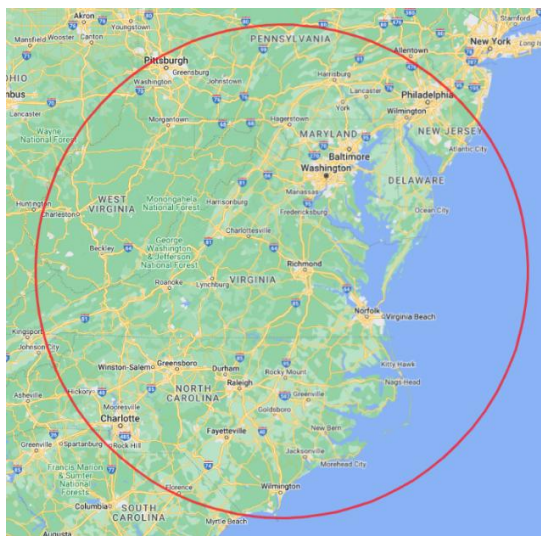
Direct donations to PVRC via Credit Card or PayPal may be made by clicking this "Donate" button and clicking the next Donate button that appears on your screen:



Donations to PVRC are not tax deductible

Eyeball QSO Directions

The latest info on local club meetings and get togethers will always be sent out on the [PVRC reflector](#) and posted on the PVRC [web site](#).



Now a Word From Our Sponsors

PVRC doesn't ask for dues, but the Club does have expenses. You can also support the Club by buying from the firms listed who advertise in the newsletter!



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• Analog FM/D-Star DV Mode • SD Card Slot for Voice & Data Storage • 50W Output on VHF/UHF Bands • Integrated GPS Receiver • AM Airband Dualwatch

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FTDX10 | HF/50MHz 100 W SDR Transceiver

- Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)



FT-991A | HF/VHF/UHF All Mode Transceiver

Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO



FTDX101D | HF + 6M Transceiver

- Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled - 70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream

FT-710 Field version also available!



FT-710 Aess | HF/50MHz 100W SDR Transceiver

- Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner



FT-891 | HF+50 MHz All Mode Mobile Transceiver

Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



FT-3185RASP | Heavy-Duty 85W 2M FM Transceiver

- Massive Heatsink Ensures Reliable 85W RF Power • Super-DX Function Increases Receiver Sensitivity & Weak Signal Reception • 221 Memory Channels • Large 6-Character Alpha-Numeric Display



FTM-150RASP | 2M/430MHz FM True Dual Band Xcvr

- Dual Receivers Allowing (V+V, U+U, V+U, U+V) Operation • 55W VHF & 50W UHF • Heavy Duty Heat Sink w/Funnel Air Convection Conductor • Front & Main Body Speaker for 6W High Quality Audio



FTM-510DRASP C4FM/FM 144/430MHz Dual Band Xcvr

- New Super-DX & ASP (Audio Digital Signal Processor Unit) • True Dual Bank Receive (V+V/U+U/V+U+V) • C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Res Full-Color Touch-Panel Display • Wireless Operation Capability with Optional Bluetooth® Headset



FTX-1 Optima | HF/50/144/430MHz All Mode SDR Xcvr

- Detachable Field head For QRP SOTA/POTA Adventures • Attach Field Head to SPA-1 For 100 Watts (Base Operations) • SPA-1 Includes Internal HF Antenna Tuner • SSB, CW, AM, FM and C4FM Digital



FTX-1 Field | HF/50/144/430MHz All Mode SDR Xcvr

Compact QRP SOTA/POTA Xcvr (8.4"W, 3.5"H, 2.2"D) • 6W (5W for QRP) • Includes 6400mAh High Capacity Li-ion Battery • SSB, CW, AM, FM and C4FM Digital • 10W of Power w/External Power Supply • Upgradable to 100W with Purchase of SPA-1



FT-70DR C4FM/FM 144/430MHz Xcvr

- System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging

FT-5DR

C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



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