

PVRC Newsletter June 2017

President's Letter – Bud W3LL

ello, PVRC. What exciting past May and future June months.

The "three days in May" Hamvention now at Xenia met and exceeded our expectations. There were many ups and one down.

We started Friday morning with the indoor exhibit buildings. It was refreshing to not be elbow to elbow with everyone else when compared to the Hara hockey rink. This gave us an opportunity to extensively speak and ask questions with vendors to our hearts content. Although the buildings were not air conditioned it presented no problems. Kayren liked the covered open air pavilion in the center of a ring of food trucks. She enjoyed the friendly conversations with those around giving their stories. That pavilion came in handy during a half hour of boisterous thunderstorms shortly before lunch on Saturday. The public announcement worked perfectly in announcing the impending weather front. The food selections were another highlight with an endless variety of good selections.

I chose Saturday to visit the flea market. That was the one down note to the new site. The infield became so muddy from the past rain that I chose to leave or become encrusted in mud from an anticipated slip onto my butt if choosing to press onward. I read and heard of delays due to traffic entering on Friday morning. We chose to use the nearby offsite parking at the Xenia High School. There were plenty of escorts directing where to park on the large asphalt lot and to the waiting school busses for the short ride to the fairgrounds. Once at the fairgrounds there were very large farm tractors pulling hay wagons outfitted with benches for the ride to the main gate. No waiting and no delays. I understand the traffic delay issue was fully resolved for the Saturday morning ride in on Fairgrounds Road with two lanes direct to the grassy parking area

and again tractors providing transportation to and from cars to the main gate. Two person scooters were also providing transportation within and without the fairgrounds. Forum rooms were air conditioned and appeared to have more variety of choices than at Hara.

We stayed again as always at the Crowne Plaza Hotel, the home for contesters. Thursday evening was spent at the RTTY forum (a short walk from the Crowne) along with about sixty others. Hank W6SX moderated a round of introductions with each of us sharing a favorite RTTY operating tip. Stu K6TU provided an update on the Makrothen RTTY Contest. Dennis W1UE shared how he sets up and operates RTTY SO2R. Friday evening was the Topband dinner followed by the not to be missed Spurious Emissions Band.

Although the band was outstanding during their one hour performance, there was one indelible memory maker which will remain forever. That was Becky W1BXY, managing editor of QST, singing "Don't Cry for Hara Arena to the music of Evita, the play/movie, using appropriate lyrics. If you missed it it can be found online here or for the complete night's recording here. These videos are best enjoyed while following along with the lyrics. The song lyrics may be viewed in the "Description" section of each video. To view the lyrics on a computer, click SHOW MORE below the title and description.

Following the Band in the Presidential Ballroom was the Contest Super suite down the hall in the Crowne Plaza where PVRC provided pizza for all. Saturday evening was the Contest Dinner at the Crowne. This was the 25th anniversary of the event. Tim K3LR was dressed in a three piece silver tux along with a room filled with silver and black balloons honoring the anniversary. You may read more about this dinner online.

At the Dayton Contest Dinner I had the pleasure to receive on behalf of PVRC three WRTC-18 certificates. Two were for our tent donations and one as a major club contributor to WRTC-18. These certificates will be awarded to PVRC members based on input from Treasurer Tom K3AJ. Tom K3AJ is working on a treatise for Out Of Circle contesting PVRC style. Look for it elsewhere in this newsletter. K3AJ's New Olympic Award to replace the expiring 20 For 20 Award is shaping up nicely. It may be ready for publication sometime next month.

So what else has been happening or will happen?

First up is the PVRC Reunion on Saturday 03 June. Our 70th anniversary celebration revolves around this on the air Reunion where we unite with all members worldwide. Again this year we'll have an open format – all amateurs worldwide are eligible to participate. The objective is to work as many members of PVRC as possible. PVRC Members are defined as anyone who has ever lived inside the PVRC Circle and was a PVRC member at any time during their ham radio life. As we say, "Once a member, always a member of PVRC!" Contact as many PVRC members around the world as possible, using all 6 (non-WARC) HF bands from 10 – 160 meters.

Secretary Tim N3QE convinced N1MM to use a PVRC UDC file to exactly match the PVRC Reunion Exchange. With the bonus, that Chapter can be used in place of state. Fields are clearly labeled "YearJoined", "Name", "State/Chapter", and "CallJoined". For non-members the various fields can be left blank and the logger won't gripe. Tim anticipates scorekeeping for 2017 will be limited to counts of members worked per mode

and non-members worked per mode. Tim plans to provide instructions on how to set up the UDC file which may include a YouTube demo. Please see Tim's article elsewhere in this newsletter for complete rules.

Also in June is the W3LPL Open House on the Saturday preceding Field Day. This year it will be at noon time on Saturday 17 June. This is a great opportunity to see a large multi-multi station first hand. Frank typically conducts a tour of the antenna farm where you may find something that can be incorporated into your station. Meetings held by PVRC chapters, NCDXA meetings and W3AO field day meetings are expected to take place during the day.

This is a terrific event and draws in crowds from all around the region including contesters, DXers, and everyday hams who make the pilgrimage to Maryland's #1 antenna farm. As always, there should be a food wagon there with plenty of BBQ available for purchase, and plenty of drinks and snacks. Please remember to sign the PVRC meeting attendance sheet for PVRC meeting credit. Also, the NAQP Club Cup trophy will be on display.

The following weekend, 24 June, is the W3AO Field Day. A joint venture between CARA and PVRC.

August 26 is the date for Fowlfest and 11:30 AM is the start time. Plans are to hold it at Seneca Creek State Park in the Bob White pavilion. For you GPS guys the address is 11950 Clopper Road. The park is accessible from exit 10 off of I270. A fee of \$3.00 /pp for MD residents and \$5.00/pp for out of state residents. This is an NCDXA and PVRC Regional event. There are private shaded areas with room for chairs outside of the pavilion. Electricity for radios along with towering pines 80' tall for hanging antennas. Plan on festivities ending at 3 pm. However, the pavilion is rented for all day. This is a Rain or Shine event. Funding is provided by Fred K3ZO for food costs excluding the pavilion. The RF Connection is sponsoring rental of the pavilion and the NW chapter of PVRC is providing the advertising. Look for WX3B's announcements.

Further down the calendar is a PVRC Wide Event on Saturday 30 September at Steve's NR4M station. While billed as a PVRC wide event, all hams are invited. Steve is considering a minor fee to attend (\$5). It's not so much to offset costs as to help guarantee that those who say they will attend do so. Fare will include pork shoulder, ribs, burgers, brats, drinks and whatever side dishes those who attend may bring.

Now onto the best part of this column, a review of what you our members were doing in the world of contesting during this past month.

Sports Pages 5/17

At press time WPX CW hasn't happened yet, so this month we have to dig deep as there were no 5M contests to report on.

If you like state QSO parties (and a lot of PVRC'ers do) this was the month for you! First in the books was the FL QSO party which has huge participation and a zillion categories to enter. There were 13 PVRC entrants. N8II led the pack with 373 QSO for 128K, followed by WJ9B with 283 QSO and K0OO (at WA3EKL) with 246 QSO. Other players

from PVRC with 100 or more QSO's were N3AM, W4VIC, W2CDO, W4AU, K4QPL and K4EU.

May 6 saw the State QSO Party extravaganza with the 7th District QSO Party, The New England QSO Party and DE and IN all having simultaneous QSO parties. Team K0OO at WA3EKL consisting of K0OO, KB3VQC, N3DPB and WA3EKL were all in for these, with entries in all. Highlights of their operation included 375 QSO in the New England and 162 in IN. They even dredged up 4 QSO in DE! In the 7th District Party, WJ9B was the top SO CW op with 1068 QSO, N8II made 204 QSO and K7SV made 102.

In the New England QSO Party, N3XF, AA3S, N4CW and W2CS all made 100 or more QSO's. N4EUZ also made 51 QSAO's in these events while testing his new K3.

May 6 also saw the ARI DX contest. This one is a bit like the Russia DX contest, except for using I-land "states" and having RTTY categories as well. Team K0OO managed to make 19 QSO's in this one between all those QSO parties. W3LL made a big effort in (what else?) RTTY, making 438 QSO for a score of 366K – tops in the US. W2CDO and NJ4Q also managed to find their way into this contest.

On May 13, the six meter sprint featured just a very little bit of E-skip (that's why they call it sporadic) but halfway decent close-in participation. W3IP was the top PVRC'er with 57 QSO. K3ZO, N4RA, K3AJ, N9NB and K3CCR (N3UM) also participated. I am guessing that we all worked W5PR – he seemed to have the franchise on a bit of skip to our area and he wound up making 110 QSO.

For those who didn't fire up on six meters, the Volta RTTY DX contest kept some other people busy on May 13. RTTY mavens K4GMH (276 QSO for a top ten finish) and N3QE (191 QSO) led the PVRC pack. KS0CW, N4UEZ and W7HJ also played.

And finally, when it comes to finding the most obscure contests to enter, it's hard to keep up with N3QE. He made 29 QSO in the CQ-M contest. Ever hear of that one? Well, apparently K3JT did as he made 71 QSO with his new K3 and kicked N3QE's butt!

That's it again for this month. See you all in the Reunion!

73, Bud W3LL

PVRC Officers:

President: W3LL Bud Governale
Vice President: K2YWE Dan Zeitlin
Vice President: W3TB Tom Edwards
Secretary: N3QE Tim Shoppa
Treasurer: K3AJ Tom Valenti

Trustees:

K3MM, N3OC, WX3B, W4ZYT, N4NW, K2AV, KE3X, K4ZA, K3WRY

PVRC Charter Members (all SK):

W3GRF, W4AAV, W4KFC, N0FFZ, W4LUE, W7YS, VP2VI/W0DX, W3IKN, W4KFT

PVRC Website: http://www.pvrc.org

PVRC 2017 Reunion June 2/3- Tim N3QE



The PVRC 2017 Reunion will be in two sessions with activity centered "on the 47's" to celebrate the founding of PVRC in 1947.

PVRC's motto of "Once a member, always a member" shines through and this is an excellent opportunity to meet and greet on the air with members who are now living out of circle.

CW: Friday June 2, 8PM-midnight EDT (that's June 3 0000Z-0359Z) Suggested CW frequencies: 1817, 3547, 7047, 14047, 21047 & 28047 kHz.

SSB: Saturday June 3, 8PM-midnight EDT (that's June 4 0000Z-0359Z). Suggested SSB frequencies: 1847, 3847, 7247, 14247, 21247 & 28447 kHz.

Scoring is simple: 1 point for each QSO with PVRC member, work each member once per band-mode combination. Moves between bands, especially at slow times, are highly suggested!

Spotting of PVRC members is highly encouraged. In fact, self-spotting in this event is encouraged as well! It's amazing the level of non-member activity you can stir up, especially on phone, with a few self-spots. Non-members can work PVRC members for points and certificates in their own non-member category.

A PVRC member's exchange is the year you joined PVRC, your name, your state/country, and your callsign when you joined PVRC.

Example QSO between two PVRC members:

WX3B: CQ PVRC WX3B WX3B K

K4ZW: K4ZW

WX3B: K4ZW 1998 Jim MD WA2GPQ

K4ZW: WX3B 86 Ken VA KE9A

WX3B: TU WX3B

A non-member only gives his name and state/country for the exchange.

See the <u>PVRC Reunion page</u> on the PVRC website for rules, log summary submission form, and a new improved N1MM logging module:

Out of Circle? Maybe Not! - Tom K3AJ

The common wisdom I inherited when joining PVRC is that there is a big divide between members who are in-circle and those who are out-of-circle. The in-circle members can submit scores for PVRC to help us compete in club competition and build up points in the 5 Meg Award Program. The out-of-circle members can't.

But the common wisdom isn't quite right – as the divide is not that black and white.

Several changes occurred in the 2014/2015 time frame that have opened greater opportunities for many previously out-of-circle members to submit scores for PVRC and earn credit toward their 5 Meg Awards.

The first change was the addition to the six NAQP contests to the 5 Meg program in January 2014. The NAQP doesn't have club competition, and the rules for team competition don't have a geographic requirement. The NAQP's were added to the 5 Meg program in connection with the NAQP Club Challenge. The <u>rules</u> for the NAQP Club Challenge are clear that no club circle applies. So that adds six contests a year that any PVRC member can submit scores in and earn 5 Meg points.

Then, in 2015, CQ adopted a 250 mile radius circle for the CQ WW DX, CQ WW RTTY and CQ WPX contests. The posted rules for these contests are very clear that a 250 mile circle applies. So that change provided another six contests in which those PVRC members outside of the traditional 175 mile circle, but within the expanded 250 mile circle, can submit scores for PVRC and also earn 5 Meg points.

The rules for other CQ contests in the 5 Meg program (the CQ 160 CW and SSB contests and the CQ WW VHF contest) do not indicate that there are circles for club competition and that is reflected in the 5 Meg Award Program rules.

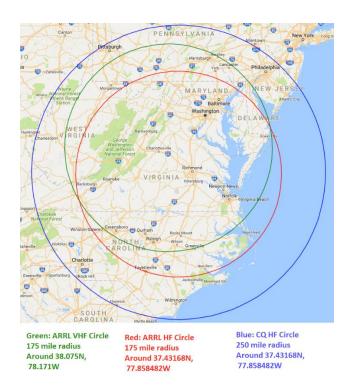
Finally, there are several other 5 Meg contests with no circle requirement: WAE (three modes) and Russian DX. Just to be sure, I recently corresponded with the contest directors to verify that situation. They confirmed that there are no circle limits for these contests (although Boris, UA1AAF said that he thought that the radius of the Earth applied!).

So, where does this leave us?

- There are 29 5 Meg contests overall.
- Thirteen 5 Meg contests have no circle requirement whatsoever (CQ 160 CW, CQ 160 SSB, CQ WW VHF, WAE – three modes, six NAQP's, and Russian DX).
- Six 5 meg contests have a 250 mile radius circle (CQ WW DX two modes, CQ WW RTTY, CQ WPX three modes).

So, those PVRC members living outside the 175 mile circle but within 250 miles can submit scores for PVRC in 19 contests a year and get 5 Meg points. PVRC members living beyond the 250 mile circle can submit scores for PVRC and get 5 Meg points in 13 contests.

The PVRC circles are shown <u>here</u>. The 250 mile circle includes a lot of places we don't normally think of as PVRC country including the Charlotte area in NC and the southern half of PA as far west as Pittsburgh. Heck, we could even have PVRC members living in the Philadelphia and Southern NJ areas (FRC country, for sure) playing.



Think you are "out of circle?" Maybe not!

W3LPL Open House – Saturday 17 June

PVRC members, guests and family are welcome to attend the 31th annual W3LPL Open House on Saturday June 17th at noon, rain or shine. BBQ lunch from CJ's will be available from noon to 2 pm. Frank's QRZ.com <u>address</u> is good for mapping to get directions.



PVRC 2016 Reunion Results - Tim N3QE

In the PVRC 2016 Reunion, 57 PVRC'ers were on the air!

PVRC'ers from as far west as Hawaii (WH7W) and as far east as Spain (EA5DFV) were active in this celebration of PVRC's "once a member, always a member" gathering. Over 2000 QSO's were recorded in logs or score summaries submitted by 27 PVRC'ers. Below are their statistics:

Call	Total Member Q's	CW (members/tot)	SSB (members/tot)
N3QE	126	94/110	32/87
N3RR	103	81/ 96	22/154
N9NB	95	95/112	
K7SV	95	95/95	
K3ZO	69	69 / 80	
K2YWE	68	68/81	
W4EE	67	40/42	17/19
N4CF	65	46/51	19/24
W4YE	60	60/60	
N3HEE	60	48/48	1/12
AB3CV	58	43/47	15/27
W3IUU	53	42/45	11/12
W3LL	52	31/1	21/204
W4VIC	48	38/38	1/10
K3TW	45	45/54	
W3TB	44	34/34	10/13
K4XL	41	41/41	
K4HQK	40	40/40	
N4AF	37	37/37	
K3KO	26	26/26	
W2RS	25	25/25	
EA5DFV	24	13/15	11/72
W3MR	23	14/14	9/9
K3TN	23	22/23	
W4AGI	13	13/13	
NN4RB	8		8/8
WH7W	3		3/3
AB3WS	3	`	3/3

Additional PVRC members that were on the air for the reunion were N8II, K4GMH, K0ZR, W3CB, W3UL, K4ORD, N8UM, WB4FDT, WR3R, N4GG, KK4ODQ, K4SO, K1HTV, CX1EK, W3IKE, K2AV, N3RC, W8LYJ, NR4C, NC3Y, N3YUG, K3EST, W3KX, K3KU, AA5AZ, KQ4LA, and KZ1O.

The "Once a member, always a member" out of circle guys made a great showing. In particular, we had Ray W2RS in AZ, Bob K3EST and Roger N3RC in CA, Jose EA5DFV in Spain, Brian K3KO, Tom K3TW and Jim W4EE in FL, Hal N4GG in GA, Dave KZ1O in NH, Mel W3MR in NY, John N8UM in TN, Phil KT3Y in the Virgin Islands at KP3M and Mark WH7W in Hawaii. Thanks to all who participated!

NSS Cross Band Test operation – Frank W3LPL and Bill W3UL

The NSS Armed Forces Day operation was at Greenbury Point - location of the legendary Naval Radio Station towers across the Severn River from the US Naval Academy. This was the first time the historic NSS callsign was used on HF in more than forty years.

Our QTH was just 1200 feet north of the now demolished megawatt VLF transmitter building and 2500 feet north of the now demolished 1200 foot central tower of the VLF "Goliath" array. It's a very quiet waterfront location well away from family housing and casual visitors. It was an ideal site for our operations and will be used again next year.

Most of our 15-20 participants were PVRC members. Our 13-hour operation was organized by Frank W3LPL with much help from Annapolis Chapter Chairman Dan K2YWE and many others. The setup was Field Day style with two tents (came in handy in the Saturday downpour) and three transceivers.



The antennas were all dipoles - 20, 17 and 15M were perched atop two 48 foot AB-577 military masts and the 80 and 40 meter dipoles were supported by 60 foot trees. Dipoles proved to be an ideal antenna choice because of Armed Forces Day activity was heavily concentrated east of the Mississippi, An eight man crew installed the all of the mast, antennas and tents in just four hours on Friday.

More than one thousand QSOs were completed. As with many other recent contests, 40 and 20 meters were the money bands. 80 and 17 meters were good but not stellar. 15 meters was totally dead.

These are the duped NSS QSO totals, a big thank you to the many PVRCers who worked us, many on multiple bands and modes. We worked nearly one hundred QSOs with Maryland stations, many more than any other state and most were PVRCers. Twelve Europeans made it into the log. Phil KP2M (KT3Y), W3KX and K3TW worked us on six band modes and our best DX was ZL2IFB.

Totals:

80 CW 80 SSB		17 CW 61 17 SSB 24	
40 CW 40 SSB		15 was totally o	
20 CW 20 SSB	138 207	างรร เบเลเ นุรเ	JS

Operators: W0CN K0OO K2YWE WA3AER N3AM K3EJJ WA3EKL K3EW W3KX W3LPL K3LU W3UL KB3VQC KD4D WB4FDT KG4USN

QSO totals were a little skewed to SSB, very appropriate for Armed Forces Day because it provides an opportunity to chat with Navy and other service veterans and those interested in the history of the Navy High Power Radio station that began 500 KW VLF operation in Annapolis in 1918.



John N3AM In action on SSB



Frank W3LPL and Phil K3EW

We reminded ourselves that this wasn't a contest and even got downright conversational with some callers. This was loads of fun for all who came out. We'll celebrate the 100th anniversary of NSS during the 2018 Armed Forces Day Cross-band Test.



Blue Ridge Chapter First Official Meeting – Mike W4AAW and Paul N4PD

The new Blue Ridge Chapter of PVRC held its inaugural meeting Thursday, May 4th, noon, at Smokin' Willy BBQ in Purcellville, VA.

Eighteen amateurs turned out including four visitors. Three logged the first of two meetings they will need to become PVRC members. Welcome to Ms. Sandy Bower-KF4EKA, Gary Fortun-K4GJF and to Howard Ellis-KI4BNS. All three live in the Winchester, VA and were recruited by John-N4MM.



Starting center, then clockwise: W6IHG, KE4S, N4PD, K4LJH, W4AU, W3IP, KF4EKA, KI4BNS, K4GJF (hidden), N4MM, N4RA, W2YE, N1RM. Not shown: W4AAW (took picture.)

Membership News – Tim N3QE

PVRC added several members in the last month – please welcome:

- John KN4VV in the Downtown DC Lunch chapter.
- Jerry W3GBR in the Laurel chapter.
- Nick N3AIU and Ken NG2H in the Rappahannock Valley Chapter.
- Eric KB1RI in the North Carolina East Chapter.

Chapter leaders please remember to complete the <u>Meeting Attendance Report</u>. Members can check and update their roster details via the Roster Lookup.

Upcoming Contests and Log Due Dates

Contests This Month

- June 3 PVRC Reunion
- June 3 SEANET
- June 10 GACW WWSA CW
- June 17 All Asian CW
- June 24 Field Day

Logs Due This Month

- June 5 EA CW
- June 14 CQ-M

See WA7BNM's Contest Calendar for more detail and the latest information.

The Editor's Last Word – John K3TN

Nice to have a bunch of F2F QSOs in Dayton and Xenia. At the Contesting Forum, W2SC did a FB presentation on his station building and operating efforts at 8P5A and a lot of insightful comments on the future of single-op multi-radio contesting. Very much along the lines of what CT1BOH wrote about several years ago, but the pace of technology seems to have actually quickened.

Thanks to Bill W3UL, Frank W3LPL, Tim N3QE and Tom K3AJ for submissions for this month's newsletter. I will run Dayton pictures in the July newsletter – thanks to all who sent in photos. If you have any good contest stories or photos, or anything else – send to ipescatore at aol dot com.

From the PVRC Treasurer - Tom K3AJ

PVRC has chosen not to implement an annual Dues requirement. We depend on the generosity of all of 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:



Eyeball QSO Directions

The latest info on local club meetings and get together will always be sent out on the PVRC reflector and posted on the PVRC web site.

NW Region: Meetings are generally held on the third Tuesday of each month at: <u>Chef Lin</u>, 417 S Jefferson St. Frederick, MD 21701 Phone #: 301-620-0664(2675) The meeting begins at 7:00 PM.

Contact: Jim WX3B

DC Metro: Meets monthly the second Monday of each month, except June, July & August). The location alternates between the below MD and VA locations. Pre-meeting dinners start at 6:00 pm and meetings start at 7:30 pm.

VA LOCATION: Anita's, 521 E. Maple Ave, Vienna, VA. Tel: 703-255-1001. Meets at this location during the months of February, April and October. Contact: Rich NN3W

MD LOCATION: Max's Café. 2319 University Blvd W, Wheaton MD 20902. Tel: 301-949-6297 People usually begin arriving at the restaurant around 6:00. Meets at this location during the months of January, March, May, September and November. Contact: Art K3KU

The Laurel, MD Region: Bill N3XL The PVRC get-together is held at the first <u>LARC</u> meeting each quarter at the clubhouse.

The Annapolis Crew: Dan K2YWE Meetings are held on the 4th Wednesday of each month at Broadneck Grill in Annapolis. We gather at about 5:30 PM and order dinner about 6. We break up usually before 8 PM. E-Mail K2YWE to be put on the e-mail reminder list.

PVRC-NC: The **PVRC-NC East** chapter meetings are held at Manchester's Bar and Grill on the 9100 block of Leesville Rd. in North Raleigh, with "QRM" beginning at 6:00pm and the dinner meeting following shortly thereafter. The meeting is held monthly on the 1st Thursday of most months, cancellations or changes usually announced on the PVRC-NC website.

The **PVRC-NC West** chapter meets the 3rd Monday of each month (except December) at about 7:00 PM at Hams Restaurant, 414 S. Stratford Rd., Winston-Salem on the south end of the Thruway Shopping Center. We meet in the front meeting room of the restaurant. A wide variety of cold 801s and Sports bar menu available. Contact Henry Heidtmann <u>W2DZO</u>, full info at http://www.w4nc.com

Over the Hill Bunch: The group meets for lunch at noon alternately in Maryland at the Sir Walter Raleigh Inn 6323 Greenbelt Rd, Berwyn Heights, MD or in Virginia at Anthony's restaurant in Falls Church. Meetings generally are held on the last Wednesday of the month and are subject to change. Meetings are announced by email.

All PVRC members, non-members interested in membership and guests are welcome. For information contact Roger Stephens, <u>K5VRX</u>, 703-658-3991 for Virginia meetings; or Cliff Bedore <u>W3CB</u> or get on 147.00 for Maryland meetings.

Downtown Lunch Group: Meets: At 12 o'clock noon on the first Wednesday of every month in Downtown DC.

Location: R.F.D. Washington, 810 7th St., N.W. Washington - Metro (Green Line) at Gallery Place Station

Meeting since April 2005, PVRC'ers, contesters, DX'ers, and others coming through this area have been meeting for lunch in the Metro Center area of downtown Washington, DC. If you give him enough notice, regular attendee Fred, K3ZO, may bring you your 3-land QSL bureau cards! We invite and encourage you to join us every month for good food, good company, and good conversation. If you have any questions feel free to email or call W3DQ or our co-convener, Rich NN3W. Hope you can join us!

Southwest VA Chapter: The Southwest VA group meets each Wednesday at about 8:30 AM at Hardees at 20265 Timberlake Road in Lynchburg, VA. This is an informal gathering, but normally has about 10-12 attendees. Contact Mark Sihlanick N2QT, Tel: 434-525-2921

Eastern Shore Chapter: Meets every three months, on the second Saturday of April, July, October and January at noon. In keeping with the tradition established by SK Dallas W3PP we will also meet at the contest station of Eric WG3J one hour before the start of most major contests. Contact Eric Hudson WG3J

Location: Delmar Pizza, north west corner of the intersection of highways 13 and 54 in Delmar, DE

Southern Maryland Chapter: Currently on hiatus, if interested in meeting contact the Chapter Chair, Tom Shelton, ND3N via email or (240) 434-3811

Colonial Capital Chapter: Meets the 2nd Thursday of each month at 8:30 am Location: Hot Stacks Restaurant, 6495 Richmond Rd, Williamsburg, VA 23188 757-565-1105

Contact: Bill Conkling NR4C

The Tidewater Chapter meets the 3rd Tuesday of every month at Frankie's Place for Ribs located in the Fairfield Shopping Center on the corner of Kempsville Road and Providence Road in Virginia Beach. The meeting starts at 7:00 PM. All amateurs are invited. Contact either Chapter Chair: Don Lynch, W4YZT, or Ron Young, W8RJL

Blue Ridge Chapter of PVRC will welcome members and visitors to our monthly lunch. Always 1st Thursday at noon.

Place: Smokin Willy BBQ, 201 N. Maple Avenue, Purcellville, VA

Contact: Mike W4AAW - 571-510-2535

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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The Weekly DX - is a product of The Daily DX that can be sent weekly to your home or office via e-mail in the form of a PDF (portable document format). It includes DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast and graphics. Subscriptions are \$27.00 for one year.

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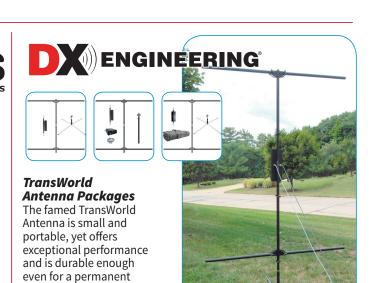
Hamplus Products Now Available at DX Engineering

Hamplus makes innovative RF and control switching components tailored to the Amateur Radio community. The Hamplus line includes smart Control Consoles and Antenna Switches that can read data from the radio and memorize antenna selections. The company is based in Brazil, but now in an exclusive arrangement, North American operators can order Hamplus products through DX Engineering.



Use Low Band Systems' Multiplexers to connect multiple radios to a single multi-band antenna, so you can use each radio to operate on a different band simultaneously. This reduces equipment installation hassles and saves money since there's no need for extra antennas and coax cable.

The multiplexers work with Low Band Systems' multi-stage band-pass filters to limit the RF to a single band, effectively eliminating most RF interference issues. Sold separately, the filters deliver the isolation demanded by the multiplexer's band input.



installation. DX Engineering has purchased TW Antennas to ensure the TransWorld Antenna will continue to

be available. We've bundled them together in handy packages, search keyword "TransWorld" at DXEngineering.com to see them all.





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IC-7700 | HF/50MHz Transceiver

The Contester's Rig • HF + 6m operation • +40dBm ultra high intercept point • IF DSP, user defined filters • 200W output power full duty cycle Digital voice recorder



IC-7600 | All Mode Transceiver

• 100W HF/6m Transceiver, gen cov. receiver • Dual DSP 32 bit • Three roofing filters- 3, 6, 15khz • 5.8 in WQVGA TFT display • Hi-res real time spectrum scope



IC-9100 | The All-Round Transceiver

• HF/50MHz 144/430 (440) MHz and 1200MHz*1 coverage • 100W on HF/50/144MHz, 75W on 430 (440) MHz, 10W on 1200MHz*1 • Double superheterodyne with image rejection mixer



IC-7410 | HF/50MHz Transceiver

• 32-bit floating point DSP unit • Double Conversion Super-Het Receiver • Built-in 15kHz 1st IF Filter • Built-in Band Scope • Large, multi-function LCD • RTTY Demodulator/Decoder • USB for PC control



IC-7300 | HF/50MHz Transceiver

• RF Direct Sampling System • New "IP+" Function • Class Leading RMDR and Phase Noise Characteristics • 15 Discrete Band-Pass Filters Built-In Automatic Antenna Tuner • Large Touch Screen Color TFT



IC-718 | HF Transceiver

• 160-10M* • 100W • 12V operation • Simple to use • CW Keyer Built-in • One touch band switching • Direct frequency input • VOX Built-in • Band stacking register • IF shift • 101 memories



IC-7100 | All Mode Transceiver

• HF/50/144/430/440 MHz Multi-band, Multi-mode, IF DSP • D-STAR DV Mode (Digital Voice + Data) ● Intuitive Touch Screen Interface ● Built-in RTTY Functions



ID-5100A Deluxe | VHF/UHF Dual Band Digital Xcvr

• 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 • FM Analog/DV Repeater List Function



IC-2730A | VHF/UHF Dual Band Transceiver

• VHF/VHF, UHF/UHF simultaneous receive • 50 watts of output on VHF and UHF . Optional VS-3 Bluetooth® headset . Easy-to-See large white backlight LCD . Controller attachment to the main Unit with optional MBA-4 • Wideband receiver



IC-PW1 | HF/50 MHz Amplifier

• Wide freq. coverage - 1 kW from 1.8 MHz to 50 MHz (amateur bands only) • Wide ALC adjustable range • Full duty cycle • Auto antenna tuner built-in • Auto AC input voltage selector is employed • Current (Ip), Voltage (Vp), temperature, SWR and output power protectors are available



IC-2300H | VHF FM Transceiver

• 65W RF Output Power • 4.5W Audio Output • MIL-STD 810 G Specifications • 207 alphanumeric Memory Channels • Built-in CTCSS/DTCS Encode/Decode • DMS



ID-880H | Analog+Digital Dual Bander D-STAR

• D-STAR DV mode operation • DR (D-STAR repeater)mode • Free software download . GPS A mode for easy D-PRS operation . One touch reply button (DV mode) • Wideband receiver D-STAR ready



IC-V80 | HD 2 Meter FM Transceiver

• Tough construction • 750mW loud audio • Powerful 5.5W of output power • IP54 and MIL-STD-810 rugged construction • Built-in CTCSS/DTCS • WX channel & weather alert function

ID-51A Plus | VHF/UHF Dual Band Xcvr

• 5/2.5/1.0/0.5/0.1W Output • RX: 0.52-1.71.88-174. 380-479 MHz** • AM/FM/FM-N/WFM/DV • 1304 Alphanumeric Memory Chls • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible D-STAR ready





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FTDX5000MP Limited | 200W HF + 6M Txcvr

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FTDX3000 | 100W HF + 6M Transceiver

• 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF **Call For Low Pricing!**



FT-991 | HF/50MHz/2M/440 Transceiver

• 160 M-440MHz - SSB/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/4440: 50 Watts) • 3.5" TFT full-color touch panel operation High speed spectrum scope • Roofing filers: 3kHz & 15kHz • 32-bit high speed floating point IF DSP • 160-6 meter high speed automatic antenna tuner



FTDX1200 | 100W HF + 6M Transceiver

• Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/ Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display

OAKLAND, CA



FT-450D | A100W HF + 6M Transceiver

- 100W HF/6M Auto tuner built-in DSP built-in 500 memories
- DNR, IF Notch, IF Shift **Call For Pricing!**



FT-857D | Ultra Compact HF/VHF/UHF

• 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 mems • Detachable front panel (YSK-857 required)

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FT-2900R | Heavy-Duty 75W 2M FM Transceiver

• Massive heatsink guarantees 75 watts of solid RF power • Loud 3 watts of audio output for noisy environments . Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FTM-100DR | C4FM FDMA/FM 144/430 MHz Txcvr

• Power Packed System Fusion Transceiver • High Audio Output Power • Rugged Powerful Transmitter • Integrated 66ch High Sensitivity GPS • 1200/9600 APRS Data Communications • Voice Guide and Recording Function *Optional FVS-2 Required • Digital Group Monitor (GM) Function • Digital Clock & Timer Functions



FTM-400XD | 2M/440 Mobile

· Color display-green, blue, orange, purple, gray · GPS/APRS · Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



FT1XD | 144/430 5W Digital Transceiver

• C4FM/FDMA • 1200/9600bps AX.25 APRS & GPS Recvr Built-in . Dual Band Operation w/Dual Receivers (V+V/U+V/V+U) • Wideband Receive/ AM Bar Antenna/Aircraft Receive • 1266 Memory Channels w/16 Char Alpha Tagging

FT-2DR | C4FM/FM 144/430 MHz Txcvr

• Analog/C4FM Dual Monitor (V+V/U+U/V+U) • System Fusion compatible • 1200/9600 APRS Data Communications • Integrated 66ch High Sensitivity GPS • Wide Band Receiver • Snapshot Picture Taking Capability With Optional MH-85A11U



VX-8DR | 50/144/220/440

50/144/220/440 • 5W (1W 222 MHz) • Bluetooth optional • Waterproof/ submersible (3' for 30 min) · GPS APRS operation optional · Li-ion Hi-capacity battery . Wide band Rx

FT-60R | 2M/440 5W HT

• Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display . Rugged die-cast, water resistant





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TS-590SG | HF/50MHz Transceiver

• Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function • Improved 1st mixer • New PFB key with multi-function knob • New split function enabling quick setting • LED backlight with selectable color tone



TS-2000/2000X | HF/VHF/UHF Transceiver

- 100W HF, 6M, 2M 50W 70CM TS-2000X 10W 1.2GHz
- Built-in TNC, DX packet cluster• IF Stage DSP Backlit front key panel

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TM-D710G | 2M/440 Dualband

• V+V/V+U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions

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TM-V71A | 2M/440 DualBand

• High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch • "Five in One" programmable memory • 1000 multifunction memory

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TM-281A | 2 Mtr Mobile

• 65 Watt • 200 Memories • CTCSS/DCS • Mil-Std specs • Hi-quality audio

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TS-480SAT/HX | HF + 6M Transceiver

• 480HX 200W HF & 100W 6M (no tuner) • 480SAT 100W HF & 6M w/AT • Remotable w/front panel/speaker • DSP built-in

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TH-D72A | 2M/440 HT w/extended RX

- 5W TX, RX 118-524 MHz, VxU, VxV, UxU APRS w/built-in 1200/9600 TNC Built-in GPS, Built-in USB, digipeater Echolink® compatible,
- Mil-Spec STD810

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TH-F6A | 2M/220/440

• Dual channel receive • .1 - 1300 MHz (cell blocked) RX • FM, AM, SSB • 5W 2M/220/440 TX, FM • 435 Memories • Li-lon Battery

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TH-K20A | 2M Handheld

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