

# PVRC Newsletter September 2017

# President's Letter - Bud W3LL

ello, PVRC - We're back after the August newsletter hiatus.

# **PVRC ELECTIONS**

September kicks off election season for PVRC officers and trustees. For trustees it's easy since we didn't fix the bylaw issue of unlimited number of trustees or impose trustee qualifications. Every candidate for trustee is guaranteed a seat, no ties or dupes.

Election procedure will be the same as last year and all previous annual election years. Between 01 September and 31 October, Chapter chairmen shall send notice to our Secretary Tim of their chapter nominees with the candidate's name and position being sought. We ask that nominees first confirm the candidate acceptance. Tim will also verify with the member before posting the names of the candidates. Voting takes place from 01 November to 15 December via Meeting Attendance Reports with results announced prior to 31 December.

At this time all Trustees have agreed to run for reelection with the following exception: Ken KE3X will not run for reelection. All officers have agreed to run for reelection with the exception of Ted who will not run for reelection. I'll have many good things to say about Ted at a later date. I'll be running again because I see a lot of creative programs that are yet to mature and be implemented. Also, I still have two years to go before mandatory term limits are imposed.

I have a responsibility to ensure a full complement of officers. To that end I plan in September to nominate Jay W3MMM as VP. Jay is a creative and energetic young man who has already demonstrated his capability.

You may remember Jay from his posts on the reflector. Jay created and will manage the PVRC On-Air 70th Anniversary Special Event Stations Program. Do you remember responding to Jay's request to volunteer as a Special Event Station using the callsigns of our founders? He also volunteered for the posted PVRC Facebook manger position which I subsequently awarded to Jim WX3B. Jay is on the Facebook team under Jim's leadership. Jay is involved with other behind the scenes activities which will be announced at a later date.

Here's the specific process that we'll use for the 2018 annual election cycle:

- Chapter chairmen will ask for nominations at both their September and October meetings.
- 2. Chairmen will forward nomination results via email to the PVRC secretary not later than 31 October.
- 3. PVRC Secretary Tim, N3QE will receive via email the September and October nominations from your chapter chairmen.
- 4. A list of all nominees received by Tim from all chapter chairmen will be sent to each chapter chairman via email on 01 November.
- Chapter chairmen will hold elections at their November and December chapter meetings.
- 6. Chairmen will forward election results via the automated PVRC Meeting Attendance Report not later than 15 December.
- 7. Secretary Tim N3QE will post election results to the PVRC reflector not later than 31 December.

The PVRC by-laws Section 2 stipulate the following process:

The President shall call for the nomination of officers and the Board of Trustees in September. The floor shall remain open for additional nominations until October 31. The Officers and Trustees shall be elected by a majority vote of active, voting members. Election results will be announced by December 31.

# **NCDXA/PVRC** Fowlfest

I just returned from an outstanding NCDXA/PVRC Fowlfest. Thanks go out to Jack W3KX for his impeccable organization skills along with XYL Diane KE3TT, Jim WX3B for advertising on the PVRC side of the house, Master Chef Todd WB2ZAB for another year of unbeatable taste of the barbequed chicken, Joel and the RF Connection for the liquor license and pavilion rental, Fred K3ZO for funding the food and to all volunteers and attendees for each year supporting PVRC's Regional end of summer annual picnic called Fowlfest.

While thinking of Fowlfest food, the NR4M PVRC Circle-Wide Event comes to mind.

# NR4M - Saturday September 30

Open house and cookout for PVRC members, and contesters. Sponsored by: NR4M and the Goat Farm Gang (PVRC Rappahannock chapter):

**Location**: NR4M QTH Locust Grove, VA **Date**: Saturday, Sept 30 @ 12 noon

Lunch to include: Barbequed pork ribs, pulled pork, burgers and brats, soft drinks, water and assorted beer. Although not required, bring a side dish to share, if possible. **Nominal cost of \$5.00, paid in advance.** This guarantees a 'head count' for purposes of food purchase. You will get your \$\$'s worth.

Bring a lawn chair. Little shade outside, but plenty of A/C inside large garage. RSVP and your \$5 to Dan, W0CN. Email for PayPal payments: dan.w0cn@gmail.com (Please choose PayPal's 'friends and family') If you prefer to pay by check, 1807 Mason Hill Dr., Alexandria, VA 22307, - Payable to Dan Hausauer. Questions or special dietary needs, contact NR4M. steve@nr4m.com I hope this will become an annual event similar to the Frostfest Galactic Event.

### **Social Media**

Last month PVRC went live on Facebook. We're now into social media along with other major contest clubs. The goal was to attract a younger crowd to PVRC. Way too early to apply this yardstick to measure meeting our objective. Jay W3MMM says if you're interested in getting on Facebook and would like a 10 minute guided tour, he'd be happy to give one, just let him know and he'll set something up.

**The PVRC Olympics began last month**. PVRC is now awarding gold, silver, and bronze medal awards for exemplary performance during the year! The key is participation — in contests, across modes and in other PVRC activities. All members, in and out of the circle, are participating and no application is required! The quest for gold begins July 1. Check out our website for rules and details.

### **NAQP SSB**

We just finished NAQP SSB. That's the last of a six inning game for this year's NAQP Cup Challenge. We now await the results pending 'Preliminary Scores' posted to the NCJ website and the calculations by NCCC. Will we get to keep the cup for another year? I don't know but I do know it's a close game.

Speaking of games here's a perfect segue into the game of contesting. So let's get to the Sports Pages. Yes, pages with a plural since this also includes both July and our hiatus month of August.

# **Sports Pages**

2017 saw a good PVRC turnout in the IARU HF World Championship, with 43 scores from PVRC members showing up on 3830 scores vs. 33 in 2016. KD4D M/S HP at N3HBX (with KD4D, N3HBX, N3QE and W3KX) took second in the US with 2,442 QSO's and a score of 2M. K0OQ at W3RFC also was in that category (with K0OO,

K3OQ, W3RFC and WA3OFF) coming in at 198K. The top PVRC SO score was by N4AF in SOABCW HP at 1.2M for a top ten finish. WJ9B and K3ZO also put up big scores in that category at 962K and 893K respectively, followed by K3JT with 385K, W4CB (W2RU, operator) with 362K, N3UA with 325K, NR4M (operated by new contester but highly experienced ex-military CW op KN4DEB) with 232K and K4QPL who made 500 QSO for 135K. W4ML (W4MYA operator) made 1190 QSO for 653K in SOAB (A) CW HP. K7SV took the #1 spot in the US in SOABCW LP with 1244 QSO and 725K. WA4JUK finished in the top 10 in SOAB Mixed HP with a score of 285K. In SOAB Mixed LP N8II led PVRC and took 4th in the US with a score of 436K, N4CF and K3KU also made the top 10 in that category (and yes, you read that correctly, K3KU was indeed a MIXED entry having made 30 SSB QSO's in a fit of ham radio contesting madness). K3ZJ took the top spot in the US in SOAB SSB HP with a score of 462K. Finally, WRTC 2018 qualifier N4YDU availed himself of the opportunity to get familiar with contesting from EU by piloting HG2U to a score north of 1M. Also notable in this contest was the return of N4ZR to active contesting from his new QTH using a single wire dipole and 100W. Welcome back, Pete. And new CW operator WA3AER made 322 QSO in 9 hours.

With a narrow lead in the NAQP Club Challenge going into the July NAQP RTTY, our competitors at SMC had a chance to strike back in their strong suit - RTTY. This running of the NAQP RTTY saw 39 PVRC entries with two HP check logs in addition - about the same level of participation as last year. SMC is showing 54 entries on 3830. Yikes. NR4M put up a very strong M/2 effort (a tough contest from the east coast), taking 4th place with 128K. Ops there were K4GTF, KS4Q, KT0P, N3AIU and NR4M. WA3EKL also played as an M/2 with KB3VQC, N3DPB and WA3EKL for 40K. In an interesting trend, there were another 9 PVRC ops that elected to go "SO M/2" in order to use spotting. W3LL put up a score that way with 74K in 10 hours of operation, followed by W4MYA at 63K. There were no PVRC'ers in the top 10 of SO LP this time. N3QE was the top PVRC SO score at 74K, with KU4V next in line at 40K. 4U1WB and W3DQ showed up to hand out the DC mult. K3AJ did his first ever remote operation, making 272 QSO between various beach related distractions.

The CQ WW VHF overlaps the NAQP RTTY on Saturday, so that may tend to dilute the PVRC effort in this one a bit. Nevertheless, there were 30 PVRC entries, including three multiops. Those who prioritized on NAQP RTTY suffered a bit, as the 6M openings were a lot better on Saturday and it was tough going on Sunday. Overall, activity seemed a little light, especially on Sunday. Even when there were openings on Saturday, W3IDT (W3SO 6M op) lamented that there was no one to work. Maybe the big news out of this contest was the emergence of FT8 as a viable and productive contest mode. This mode didn't even exist a month earlier during the June VHF contest, but many QSO's were made in this contest on FT8. Multiop efforts from PVRC included K8GP (at W4RX) with 466/169 for 108K, W3SO with 396/165 for 90K, W3RFC with 94/46 for 5K and a nice LP multiop effort from K3CCR with 110/56 for 7K. In SO AB HP, the top PVRC scores were by N3HBX with 389/115 for 43K (made more difficult by losing his voice keyer early on), K3MEC (ND3F) with 210/108 for 28K, K3ZO with 220/93 for 27K and W3IP with 187/82 for 18K. Top SO AB LP score was by N3ALN with 102/43 for 4.9K. N8II put up a good SO 6M LP score with 99/50 for almost 5K. K1HTV's effort in SO 6M HP is especially notable as he made all 110 of his QSO's using digital modes - mostly FT8 with some MSK144 as well. W3LPL was another digital only player, making 70 QSO's in 50 grids using FT8. N3ALN, W3IP and W3LL also made some FT8 QSO's along with the other modes.

The race for the NAQP Club Challenge Cup was pretty tight going into the NAQP CW. Based on the 3830 reports, we had a big PVRC turnout with 91 entries including a couple of "real" M/2's. But not much ahead of arch-rival SMC who reported 85 entries. We shall see... The NC1KW (at N1LN) M/2 team came up with an impressive #3 finish, edging out their rivals at N5ZO, NR4M, with new contester KN4DEB along with N3AIU and NR4M wasn't far behind in the #5 spot. An increasing trend in NAQP is the number of stations who choose to use assistance as single ops, putting them in the M/2 category. N3QE made the top 10 among M/2's operating this way for 185K. Other nice scores made this way by PVRC'ers included W4ML (W4MYA) at 120K, N4CF at 78K and AA3S at 72K. In the main event - SO LP, The members of the PVRC Gunners team included the top four PVRC scores - by N4AF (#9 overall), K7SV (#20 overall), N9NB and WJ9B, in order. N3UA rounded out the gunners, who took honors as the #4 team, just barely being edged out by SMC Tractor Pull who took the third spot. K3AU (K2WYE op), K3RA and W4FS (@W2RE remote) also came in with scores north of 100K. Finally, KE3X was at it again as a QRP entry, making the top 10 with 223 QSO's in 3 hours. Maybe the DC mult helps, I dunno... And let the record of this contest show that the most westernmost possible PVRC participant, AH7U, made 22 QRP QSO's from Hawaii and W3MMM made his first CW QSO in 30 years to garner another participant mult! Hopefully the first of many to come.

Despite Thunderstorms making the low bands a little challenging, there were 3 PVRC M/S entries and 28 SO's in WAE CW. Team NR4M took the #1 US spot with 1589 QSO/1.2M. W3LL put in a nice 1232852K effort for the #4 spot and W3YY came in at 466/201K for 5th. There were three PVRC'ers in the top 10 US in SO HP. NR3X (N4YDU) was #1 with 1789/1.5M, KD4D (@N3HBX) was #5 with 1433/1.1M and N4AF took the #10 spot with 744/436K. Other players in SO HP with more than 600 QSO's were N3UA (760/408K), K1IMI (N4CW) – (719/382K), N3QE (671/339K), W4L (W4MYA) – (609/321K). Also, there were some outstanding results in SOLP with K3ZU at #1 US with 820/509K, N9NB at #2 with 790/500K and K7SV at #10 with 179/50K.

We needed a big turnout in NAQP SSB to have a shot at winning the NAQP Club Challenge Cup this year, but may have come up a little short. Currently on 3830scores we show 81 PVRC scores vs. an incredible 124 for arch-rival SMC! They may have wanted it more, you think? Among "real" M/2 entries from PVRC put up good scores. Team WX3B came in right behind NV9L for #3 with 1433 QSO's and 213K and Team N3QE (at N3HBX) was #4 with 1123/176K. With a last-minute change in plans, WA3EKL and XYL N3DPB came on to put up 461/42K. W4ML (W4MYA) operating as a SO M/2 entry made the top ten with 582/71K. W3LL put up the top PVRC SO score with 800/98K. Oher SOs with more than 500 QSO included N8II (755/94K), NA3D (811/86K), K7SV (501/62K) and N4GU (506/55K). We even had a couple of QRP entries this time, with K0OO (@W3RFC) making 87 QSO for 3.9K and AH7U (at the farthest extreme of NAQP) making 21 QSO – it's got to be tough to do NAQP SSB with QRP from KH6! WA3EKL, WR3R, N3QE, and KG4USN are all showing on 3830scores as having played in the MD QSO Party. Incredibly, of scores reported there so far, the WA3EKL/N3QE total of 388 QSO's amount to over half the QSO's made in the event.

Finally, quite a few PVRC members enjoyed experiencing some unusual low ban enhancement during the Solar Eclipse QSO party.

That's it for another month. 73, Bud W3LL

# **WAE CW- Remote from Eastport, Maine – Nate N4YDU**

After a busy summer of operating and traveling, the thought of doing a full effort in Worked All Europe CW this past August wasn't too appealing. But having the opportunity to remotely operate <a href="Remote Ham Radio's">Remote Ham Radio's</a> Eastport, Maine location from the comfort of my own shack in Youngsville, NC made it much more inviting.

Given the nature of WAE, it really doesn't fit my favorite aspect of contesting (**rate**) but it really has grown on me over the past three years. I operated the CW leg from N3KS in Maryland in 2015 and TI5W in 2016 and now from Maine. I also enjoyed the SSB leg from N1LN in 2015 and N3ND in 2016.



The station in Eastport is exceptional. The main antenna for 20-15-10 is a three stack of multi-element GXP tribanders (4/4/4 on 20, 4/4/4 on 15 and 8/8/8 on 10) that are mounted on a rotating tower. For 40M, there is a 3 element 40M yagi at 123 feet, while on 80 there is a 4 square. For the second radio, you have access to a multi-band GXP yagi for 40-10 meters at 95 feet on a separate tower. The rigs are K3s and power out is 1500 watts using Expert solid state amps. Needless to say the station performs quite well. For more station information, visit remotehamradio.com.

A couple of notes about WAE. In WAE, everyone can use assistance, so there really is a lot of data at your hands throughout the contest. In addition, single operators are limited to 36 hours of seat time. Also, which most people know, you get to have fun sending QTCs - which essentially count as a QSO in terms of scoring.

I logged into the remote site about 30 minutes before the contest to make sure everything on my end was working well. There were no snags and I decided to hunker down on 40M and get ready for the starting bell. At the start of the event, 20M was still open to EU so I was able to pick off a few guys there while running on 40.

On the real-time scoreboard, I noticed that AA3B, K1ZZ and a few others were pulling ahead of me in terms of QSOs, especially on 40M. I think the band could have been favoring those a little south of Eastport but the deficit wasn't too much and I was confident that it could be made up later in the contest given the geographic advantage of Eastport.

I took three hours off the first night and slept very little. When I called it quits the first night I had 400 Qs and about 100 QTCs that needed to be sent. When I went to exit the shack and head into the house but the rains were intense. I elected to pull out a sleeping bag and try to rest on the shack floor. It's really hard to take a break with the radios right in front of you.

I returned to action around 930Z to get to 20M at sunrise in Maine. The band was just starting to open by the sounds of it. One CQ and I was off to the races. Throughout the summer I played with 15M from Eastport to catch the weak openings to EU. Starting at around 11Z there had been a consistent opening from Eastport and another one in the afternoon around 21Z. I was hoping that Eastport could really be a big advantage on 15M compared to the competition and in the end it was.

Starting around 21Z on Saturday 40M picked up and I was able to make up some ground there. I went to 80M right at sunset and was greeted with very strong EU signals. The band was very productive on the second night.

I managed 93 Qs to EU on 15 on the first day but the second day proved to be much better. The 11Z opening on day 2 was much better, logging more than 100 EU from 11-12Z and finishing with a total of 264. This was the most of any NA station during the weekend. At 1411Z on Sunday I managed to work F6HKA on 10 for my only 10M Q. I tried to move a few guys there prior but with no luck.

After 15M cooled down on Sunday I began dumping the remainder of my QTCs. I was worried because I had over 150 to unload after the nice run on 15M but it wasn't too difficult to dump them. From that point on I stayed on 20 for most of the time and kept making short bursts on 15. I spent much of the final hour in dual CQ mode on 40 and 20.

In the end I was able to just nudge out K1ZZ and I was just behind VY2ZM with a final tally of 1789 Qs, 1789 QTCs, 429 mults and a bottom line of 1,534,962 points. It'll come down to log checking for the final results - but I think VY2ZM has a big enough lead to keep the top spot.

Band	QSOs	QTCs	Mult
80:	230		33
40:	538	713	43
20:	756	916	51
15:	264	160	32
10:	1		1

Total: 1789 1789 429 Total Score 1,534,962

It has been fun analyzing RBN data after the contest. Special thanks to N3QE for his efforts there. I really enjoy talking about the contest when it is over. Club activity seemed fairly high with some great scores from KD4D, K3ZU, N9NB and others.

Very special thanks for the efforts and support of W2RE and the entire crew at RHR.

(Editor's note: RemoteHamRadio is a fee-based service. Contac them for pricing info)

# Ted W3TB Sipping from the NAQP Club Cup Trophy-Bud W3LL



Bob AJ4RS and Ted W3TB at the Colonial Capital chapter showing of the NAQP Club Cup Trophy

# **PVRC Officers:**

W3LL Bud Governale President: 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

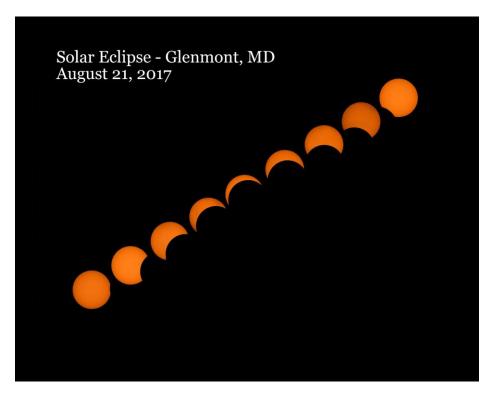
PVRC Website: http://www.pvrc.org

# Total Eclipse of the Heart Sun – Bonnie Tyler Mike W3IP



What a sight! From Gallatin, Tennessee (just north of Nashville) 2 minutes, 38 seconds long.

# Partial Eclipse Time Lapse – John N3AM



Taken at approximately 20-minute intervals from Wheaton MD during the August 21 solar eclipse. Nikon D7100 with 400mm image-stabilized lens and ND5 solar filter. ISO 1000, f/11, 1/1000 sec

# **UK9AAN Memories – Art K3KU**

(Also published in the September/October issue of NCJ, used with permission here)

K1AR's interview with UA9BA (NCJ, July/August 2017) surely stirred a lot of memories. My story comes from my early days in DX contesting, having been recruited around 1966 by W1ARR, Bob, to help out at the W4BVV multi-multi. They were just beginning to build a team. As Chief Raconteur W3BQV, Gene, (previously K1ANV, later W3ZZ) described me, "He didn't know a G from a DL."

During some CW DX contest around 1968 Gene was at one end of the room operating 40M (3-el Yagi at 160 feet; a big antenna in those days). At the other end of the room was K3NPV, John, (W8ZWX(?)/K4YF), the Ace of 80 Meters (four slopers off one of the towers; pretty competitive back then). I and one or two others were at operating positions in between.

(Another indication of how our technology has advanced since then - the 160M transmitter was an old DX-100, to keep within the power limit on that band. The 160M antenna system was also four slopers on another tower. I think we did not even keep 160M active all night.)

It's dark in Virginia; probably about sunrise in Eastern Europe. W4BVV, Tom, is probably asleep. As the operation hums along, Gene hollers out: "John! UK9AAN wants you on 3507, now!!" All the other bands QRS, the operators' eyes turning to John. John stares straight ahead; he's blind. He tunes the receiver, zero beats the transmitter. Listens. Sends. Tunes a little more, listens a little more. Sends again. Then a big smile grows on his face as he pounds the portable typewriter he uses for logging: "Got him!"

Operations go back to normal. A few minutes later Gene calls out, "John, UK9AAN wants to know 'Good QSO?' "John replies, "Tell him yes, good QSO."

From the four protagonists I learned a lot about contesting, about life, and about myself. The sad thing is that they are all Silent Keys now, and we can't share memories like these any more.



# 1M to 4M Progress Awards in the 5Meg Program – Tom K3AJ



About a year and a half ago Vic, W4VIC reached out to the officers of PVRC asking us to find a way to recognize the operating accomplishments of those, who, for various reasons, are active contesters but play this great game with limitations. Those limitations may impact their ability to own and maintain a station or perhaps their BIC time may be limited by family obligations or health issues. The PVRC 5Meg award program is a great and highly motivating vehicle for recognizing our members' contesting accomplishments, but for many the road to 5 million points is a long one. In response Vic's suggestion, at the beginning of the 2016-17 5Meg program year, we announced that we would be recognizing our members' journeys toward their 5Meg award by implementing a progress award program. Now that we have reached the end of the 2017-17 5Meg program year, we are pleased to report that we are issuing 5Meg Progress Awards to 75 PVRC members who submitted a score in 2016-17, and have achieved a lifetime 5Meg program total of one million or more points.

The award takes the form of a certificate bearing a special logo designed (thanks, N3QE) for this award – the PVRC 5M "Progress-O-Meter" (with apologies to the Weston meter company). The basic award is issued at 1 million points and will be endorsed at the 2, 3 and 4 million level. As many of the awards as possible will be presented at chapter meetings or events to provide personal, public recognition and those for whom we cannot make this happen will receive their awards by mail. Notice at the top of this article the picture of Jose, EA5DFV's award – complete with the endorsement stickers all the way up to 4 million! Yes, those living beyond the 175-mile circle certainly can earn 5Meg points in many contests (see my article in the June, 2017 Newsletter – "Out of Circle? Maybe Not!").

Alan, AA4FU does a fabulous job of administering the 5Meg award program (to him we all owe a debt of gratitude) and you can always check your standing via the PVRC web site http://www.pvrc.org/5M/index.php. If you are not currently active (i.e. – you did not submit a score in 2016-17) but have achieved 1 million of more points in the past and would like to have a certificate, please contact me at tomk3aj@gmail.com and we will prepare a certificate for you.

# **Membership News – Tim N3QE**

PVRC did not add any new members in the latest reporting period.

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**

- Sept 2 All Asian SSB
- Sept 10 NA Sprint CW
- Sep 9 WAE SSB
- Sept 17 NA Sprint RTTY
- Sept 16 Scandinavian CW
- Sept 23 CQ WW RTTY

# **Logs Due This Month**

- Sept 12 MDC QSO Party
- Sept 30 Eclipse QSO Party

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

# 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 <a href="PVRC reflector">PVRC reflector</a> and posted on the PVRC <a href="web site">web site</a>.

**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 <a href="http://www.w4nc.com">http://www.w4nc.com</a>

**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. Always 1st Thursday at noon.

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

Contact: Mike W4AAW - 571-510-2535

If you'd like to add or correct a listing, contact K3TN for inclusion in the Newsletter!

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# **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

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- 100w HF/6M, 50W 2M, 20W UHF DSP included 32 color display
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• 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



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• 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



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#### TS-590SG | HF/50MHz Transceiver

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# 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 nanel

# **Call For Special Price!**



#### **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

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