

Prince William County Broadband-Hamnet Meeting Minutes

The second meeting of the Prince William County Broadband-Hamnet (PWC-BBHN) committee met at the Prince William County Chinn Park Library on 13 January 2015 at 6:45 pm. There were seventeen attendees.

The previously prepared agenda was agreed to and most items from the agenda are individually discussed below.

Skill Set / interest survey: Terry, WA5NTI and Mark, KV4UC have been working on a questionnaire to capture what each of us can contribute to the overall PWC-BBHN project. Once the questionnaire has been prepared, John, KG4NXT has volunteered to put up a SurveyMonkey page for us to capture the data.

Location coordinates for backbone: We still need to identify and then list possible locations for our backbone. See attached listing as the currently data exists. Everyone needs to contribute to this list. Once the list has been vetted at a future meeting, we will need to contact the building owners. However, at this point all we should be doing is proposing locations, NOT contacting the owners. We will need to go to the owners with our vetted and agreed to plan.

West end and East end site testing: Ken, KE2N, Larry, K0LB, Terry, WA5NTI, and Clarence, K4CNM plan to perform some rooftop testing soon from Chinn Park Library 13065 Chinn Park Drive Woodbridge, VA 22192 and from Novant Health Prince William Medical Center, 8700 Sudley Road, Manassas, VA 20110. This testing will be using some 5.8 GHz Ubiquiti equipment currently on-hand. Some possible dates will be proposed and then verified with the facilities.

Best ways to get word out to local hams: Having brochures at Frostfest, Winterfest, OVH Hamfest, and HRO seems like the best way to accomplish this goal. The brochure should have pictures, contact information, and answer most of the: who, what, when, how, where, and why type of questions someone might have and especially tie into the "When all else fails" theme.

March workshop plans: It was decided that we would hold a workshop to help get everybody up and running at least on Linksys routers with all using the same version of firmware. Everyone interested in PWC-BBHN will be invited and no equipment will be required to attend; however, if at all possible attendees should at least bring a thumb drive to be able to take a copy of the firmware, etc home. Attendees who have a laptop, CAT5 cables, Linksys routers, power strips, and extension cords should also bring those to the workshop.

Demonstration at OVH Hamfest: We will contact Keith Elkin, KB3TCB, to see about connecting to his presentations at the OVH Hamfest on 14 June 2015. If possible we will set up a temporary node on the high point in the parking lot and aim towards Ken's, KE2N, node on Bull Run Mountain.

The next meeting will actually be a workshop. There are two currently scheduled: the first one on 28 March 2015 at the Potomac Library Community Room located at 2201 Opitz Boulevard, Woodbridge, VA 22191, from noon until 4:00 pm and the second one (if needed) on 4 April 2015 at the Central Library Community Room located at 8601 Mathis Avenue, Manassas, VA 20110, also from noon until 4:00 pm.

Action Items:

1. Finish skill set questionnaire - KV4UC and WA5NTI
2. Develop SurveyMonkey page for questionnaire - KG4NTI
3. Catalog additional backbone locations - Everyone
4. Schedule 5.8 GHz testing dates - K4CNM, K0LB, and WA5NTI
5. Develop a brochure - Nobody was assigned
6. Develop March workshop - N4SV and WA5NTI
7. Coordinate PWC-BBHN demonstration at OVH Hamfest with Keith, KB3TCB - K4CNM and KC4DV

Attachments:

1. Attendees
2. Original Agenda
3. Possible Backbone Locations

PWC-BBHN Meeting 13 Jan 15 Attendees

Call Sign	First Name	e-mail address
AK4XR	Byron	ak4xr@dillonelectric.com
K0LB	Larry	l.bates@comcast.net
K2YUB	Jay	jayhoch@aol.com
K4CNM	Clarence	cmeese@comcast.net
KC4DV	Terry	kc4dv@arrl.net
KE2N	Ken	ke2n@cs.com
KG4NXT	John	kg4nxt@arrl.net
KI4WGC	Phil	hilljack@comcast.net
KM4AA	Keith	km4aa@arrl.net
KM4CCI	Tim	km4cci@gmail.com
KV4UC	Mark	kv4uc@arrl.net
N4SV	Bill	n4sv@arrl.net
WA0DYJ	Stu	wa0dyj@gmail.com
WA4KFZ	Mark	wa4kfz@cox.net
WA5NTI	Terry	3t3@comcast.net
WB5OOD	Jay	wb5ood@verizon.net
	Carl	carl.d.watts@gmail.com

**PWC-BBHN
13 January 2015
Chinn Park Library**

Agenda

1. Welcome and Introductions
2. Review of last meeting minutes
3. Skill set / interest survey
4. Location coordinates for backbone
5. West end and East end site testing
6. Best ways to get the word out to local hams
7. March workshop plans
8. Demonstration at OVH Hamfest

Possible Location Coordinates for PWC-BBHN Backbone

Ham	Site Name	Address	Latitude	Longitude	Elev	Mount Height
K4CNM	Novant Prince William	8700 Sudley Rd	38.767624	-77.487874	240	40
WA5NTI	Silver Spring Water Tank	Int of Georgia Ave / Layhill Rd	39.061150	-77.051490	460	
N4SV	Private Tower	9106 Industry Dr	38.776674	-77.437941		
KE2N	Private Tower	9106 Industry Dr	38.776415	-77.437734		
N4SV	Comcast Tower	9104 Manassas Dr	38.769530	-77.443485		
N4SV	Manassas Park Water Tank	2350 Blooms Quarry Ln	38.770852	-77.445900		
KE2N	Manassas Park High School	8200 Euclid Ave	38.778285	-77.440317		
KE2N	W4XP		38.917870	-77.664344		
KE2N	W4BRM		38.922414	-77.663081		
KE2N	Avion Bldg (WA4KFZ)		38.907183	-77.453053		
KE2N	Mt Pone H2O		38.783525	-77.522475		
KE2N	Novant Prince William		38.767264	-77.487667		
KE2N	Novant H		38.820838	-77.642527		
KE2N	Woodbridge H2O		38.685698	-77.316082		
KE2N	Gambril - Dick (Md)		39.537252	-77.500139		
KE2N	John Hopkins (Md)		39.103255	-77.196955		
KE2N	USGS Reston		38.947225	-77.367453		