NOVEMBER 2012
Vol. 37, # 11

THE WACOM HAM

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Home Ham Project

DXpedition Feature—The United Nations

KD3RZ's Rebuilding of a Rarity

WACOM President's Message - November 2012

Ask not what your club can do for you, but what you can do for your club!

Bill—NY9H

We should know by now that doing something for someone else makes us feel better than doing something for oneself.

So start to "feel better today" by sending Bud an email, advising him what time you want to assist at "OUR" HAMFEST. We are fortunate to have this pile of both great people and stuff arrive at the Fairgrounds every fall. It does not happen by itself. The government doesn't do it . It happens only because a small group puts in a great effort. It will be great if you can pitch in just a few hours. That will spread the workload across more folks, allowing them to also enjoy the hamfest. And you WILL feel better.

While activity is drastically INCREASED on the 146.79 repeater ... many of our members are still absent. We need to change that. Call it Emergency preparedness, call it just fun. I refer to repeater communications as: an intercom with my friends.

Or is it " SOCIAL MEDIA" that we invented in 1904 (not Al Gore) .

WACOM's board, officers and a small group of members, have provided efforts to enhance our communication capabilities. It becomes the responsibility of our community to utilize these assets with practice and general communications. I am beginning to think we need to create a " radio squad". That would be a crew who can follow-up with both our new hams and those licensed for a while. The "Radio Squad" could/would assist ANY club member getting on the air (2meters & HF). As we move forward, some of these capabilities will exist in the new Radio Room.... but mostly consider best use at your home and in YOUR CAR. If you want to be part of this "get er done" squad,,,, OR you want or need help getting a 2 meter radio going at your home & or car please email me.

Give some thought to picking up a 2 meter radio at the hamfest.

While a 40-60 watt VHF/UHF mobile is the right radio for your car, some WACOM members have been pleasantly surprised at how good the 60$ Wouxon & BaoFeng 5 watt UHF/VHF handhelds are performing. While they are considered junk by some of my traditional friends, others more technically aware are indeed surprised at their performance. Which is not to say one could ever order a part for one of these. Life is full of choices. Generally you get what you pay for, but for about $60 with a drop in charger... and maybe a headset...these little Chinese radios are remarkable. (but don't drop it too hard)

GET ON THE AIR & CU on the nets....

bill NY9H/3

Comments, complaints to_ ny9h@arrl.net

WACOM OFFICERS, BOARD OF DIRECTORS, STAFF, REPEATERS, AND NETS!

Repeaters
W3CYO - 145.490 MHz, 443.300 MHz
K3PSP - 146.790 MHz

2 Meter Net
- Tuesdays at 8:30PM on K3PSP Repeater

10-meter net
- Tuesdays at 9PM on 28.340 MHz

YL Net
- Wednesdays at 7:30PM on K3PSP Repeater

Elmer Net
- Wednesdays at 8PM on K3PSP Repeater
(immediately following the WA-COM YL Net)

LOCAL TRAFFIC NETS

<+><+><+><+><+><+><+><+>

SWPA 2-Meter Daily Net 146.880 8:00 p.m.

** * * * * * * * * * * **

HF WPA Phone Daily Net 3.983 6:00 p.m.

Officers

President: Bill Steffey, NY9H;
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ktfrank2@verizon.net

WACOM General Meeting Minutes

4 October 2012, 7:30 PM

Present: Bill S(NY9H), Sam (W3CYO), Dave D (N3IDH), Paul (W3PLP), Patty (N3XAR), Adam (NZ3S), John(N3GHR), Bob Ke (KB3IN), Frank (KB3AAG), Jim B (KC3HW), Ed (N3ZNI), Don (KB3YRL), Fay (KA3VOM), Bob Ki (K14DBH), Joe F (WA3WBM), Dennis (K3PSP), Tom (K3PLM), Ken (AA3GM) and a number of people from the WASH Ham Club (welcome!). Special Guest: Jack Layton (W9UK).

Bill called the meeting to order at 7:30 PM. The actual meeting was short to make time for Jack Layton's presentation on wire antennas.

Reports

Minutes – there was a motion to accept the minutes from the September meeting. Joe 2nd, motion carried

Treasurer – Bill passed out treasurer's report; Joe moved to accept treasurer's report, Bob 2nd, motion carried

Repeater – N/A

Education – N/A

Nets – N/A

Public Service—N/A

Old Business

Ham Fest – Many tables are selling for the Hamfest. We may actually sell out!

Field Day **– Will put a plan together next meeting.**

New Business (will wait until November meeting)

There being no further business, Adam moved to adjourn, Dave 2nd, meeting adjourned at 7:50

The rest of the meeting consisted of Jack Layton's very interesting and thorough presentation on the theory and applicability of wire antennas! Many thanks to Jack!

Next WACOM meeting 1 November 2012, 7:30 PM!!

FEATURING…

" how to build a crank up tower"„„ homemade.....

Bob Kinnear KI4DHB

2012-13 WACOM Upcoming Events Calendar

Meetings, Contests & Other Significant Club Events (Subject to Change)

1 November 2012 - *WACOM* Meeting at 7:30PM @ Washington County Building

3-4 November 2012— ARRL Sweepstakes CW http://www.arrl.org

4 November 2012— WACOM Hamfest http://www.wacomarc.org/hamfest.html

17-18 November 2012 ARRL Sweepstakes SSB http://www.arrl.org

24-25 November 2012 CQ World Wide DX Contest CW http://www.cqww.com/

6 December 2013—*WACOM* Meeting & Christmas Party –TBD

30 Nov—2 December 2012 ARRL 160 Meter Contest http://www.arrl.org

8-9 December 2012 ARRL 10 Meter Contest http://www.arrl.org

16 December 2012— ARRL Rookie Roundup CW http://www.arrl.org

12 January 2013—*WASH* 2 M Simplex Contest http://www.n3sh.org

25 January 2013 — 27th CQ 160 Contest CW http://www.cq160.com

16 February 2013 — 17th ARRL DX Contest CW http://www.arrl.org

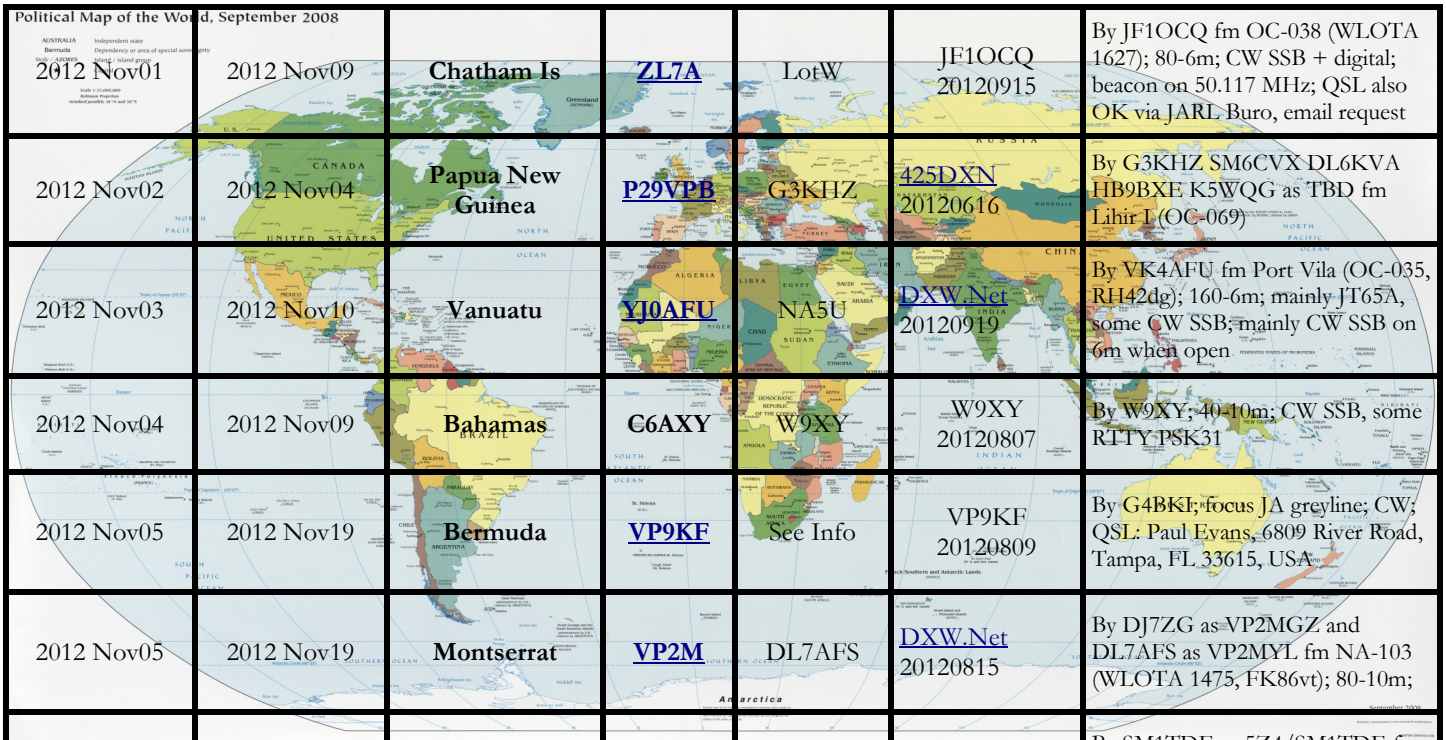
24 February 2013—*WASH*Fest 2012 http://www.n3sh.org

2-3 March 2013—ARRL DX Contest SSB http://www.arrl.org

30-31 March 2013—CQ WPX Contest SSB http://www.cqwpx.com

WACOM HAM DX CORNER—NOVEMBER 2012

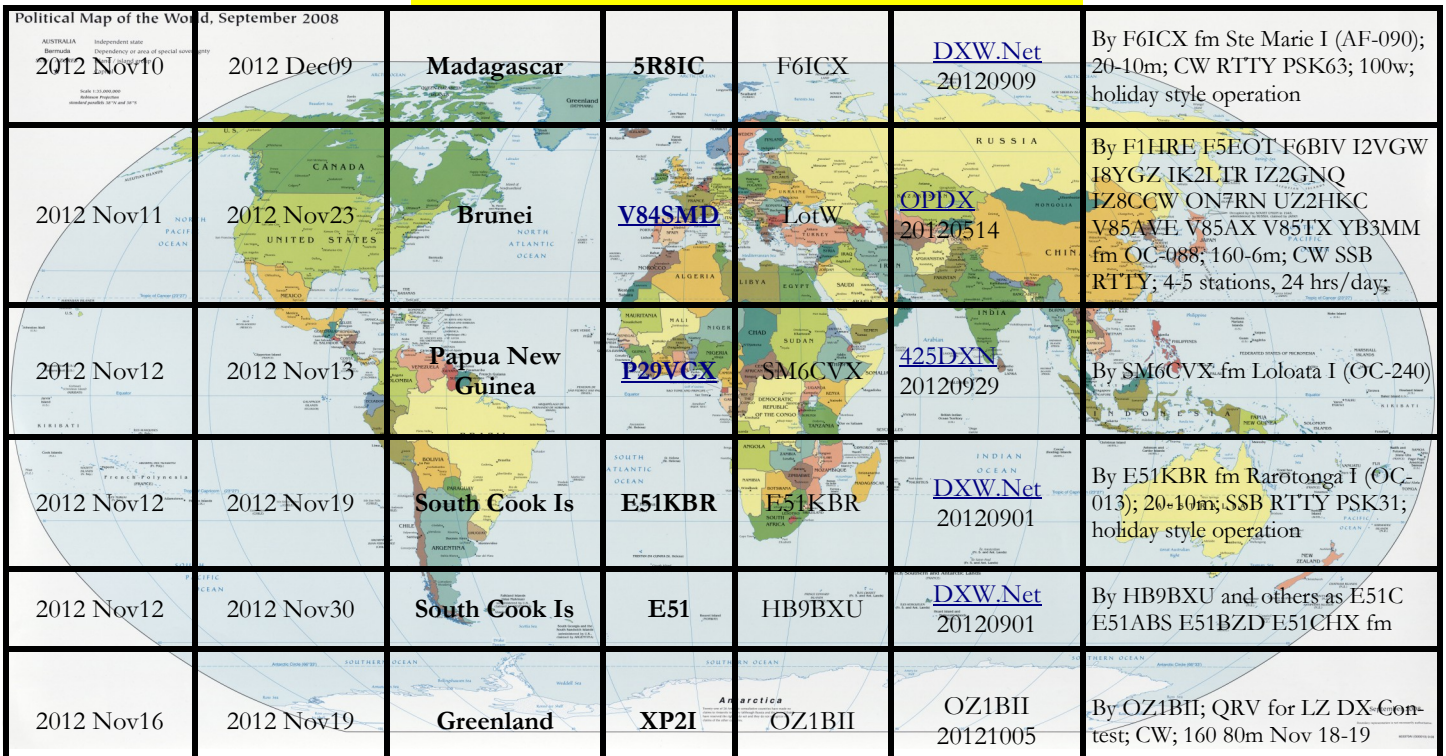
COURTESY: http://www.ng3k.com/Misc/adxo.html



2012 Nov01	2012 Nov09	**Chatham Is**	**ZL7A**	LotW	JF1OCQ 20120915	By JF1OCQ fm OC-038 (WLOTA 1627); 80-6m; CW SSB + digital; beacon on 50.117 MHz; QSL also OK via JARL Buro, email request
2012 Nov02	2012 Nov04	**Papua New Guinea**	**P29VPB**	G3KHZ	425DXN 20120616	By G3KHZ SM6CVX DL6KVA HB9BXE K5WQG as TBD fm Lihir I (OC-069)
2012 Nov03	2012 Nov10	**Vanuatu**	**YJ0AFU**	NA5U	DXW.Net 20120919	By VK4AFU fm Port Vila (OC-035, RH42dg); 160-6m; mainly JT65A, some CW SSB; mainly CW SSB on 6m when open
2012 Nov04	2012 Nov09	**Bahamas**	**C6AXY**	W9XY	W9XY 20120807	By W9XY; 40-10m; CW SSB, some RTTY PSK31
2012 Nov05	2012 Nov19	**Bermuda**	**VP9KF**	See Info	VP9KF 20120809	By G4BKH; focus JA greyline; CW; QSL: Paul Evans, 6809 River Road, Tampa, FL 33615, USA
2012 Nov05	2012 Nov19	**Montserrat**	**VP2M**	DL7AFS	DXW.Net 20120815	By DJ7ZG as VP2MGZ and DL7AFS as VP2MYL fm NA-103 (WLOTA 1475, FK86vt); 80-10m;
2012 Nov05	2012 Nov22	**Kenya**	**5Z4**	LotW	SM1TDE 20120813	By SM1TDE as 5Z4/SM1TDE fm Diani Beach, Mobasa; 40-10m; CW; QSL also OK via SM1TDE, Buro or direct; holiday style operation
2012 Nov06	2012 Nov09	**Papua New Guinea**	**P29VCX**	SM6CVX	425DXN 20120616	By SM6CVX fm Buka I (OC-135)
2012 Nov06	2012 Dec11	**Uganda**	**5X1NH**	G3RWF	OPDX 20121022	By G3RWF; 80-10m, perhaps 160m; mainly CW, some SSB + digital; QRV for CQWW DX CW
2012 Nov06	2012 Dec15	**Curacao**	**PJ2** NEW	Home Call	VA3RJ 20121026	By DL5MFL as PJ2/DL5MFL, DB5IJ DF9MV DJ1MGK likewise fm Signal Point (SA-009, WLOTA 0942); QRV for WAE RTTY; QSL OK via DARC Buro or direct
2012 Nov09	2012 Nov12	**Papua New**	**P29VCX**	SM6CVX	425DXN	By SM6CVX fm Manu I (OC-025)
2012 Nov09	2012 Nov13	**Palau**	**T88ON**	JA3JND	ATDX	By JA3JND; HF
2012 Nov09	2012 Nov17	**Bonaire**	**PJ4**		DXW.Net 20120924	By PE2MC as PJ4/PE2MC using Radio Nederland array
2012 Nov09	2012 Nov17	**Monaco**	**3A**	M0URX	DXW.Net 20120927	By ON5UR as 3A/ON5UR and ON8AK as 3A/ON8AK; 80-10m; SSB
2012 Nov09	2012 Nov24	**Seychelles**	**S79NU** NEW	DL8NU	DXW.Net 20121031	By DL8NU fm Mahe; mainly CW
2012 Nov10	2012 Nov22	**St Peter & Paul**	**PT0S**	LotW	AA7JV 20120702	By PY2XB PP5XX HA7RY AA7JV; 160-6m, focus on low bands; QSL also OK via HA7RY

WACOM HAM DX CORNER—NOVEMBER 2012 (CON'T)

COURTESY: http://www.ng3k.com/Misc/adxo.html



2012 Nov10	2012 Dec09	**Madagascar**	**5R8IC**	F6ICX	DXW.Net 20120909	By F6ICX fm Ste Marie I (AF-090); 20-10m; CW RTTY PSK63; 100w; holiday style operation
2012 Nov11	2012 Nov23	**Brunei**	**V84SMD**	LotW	OPDX 20120514	By F1HRE F5EOT F6BIV I2VGW I8YGZ IK2LTR IZ2GNQ IZ8CCW ON7RN UZ2HKC V85AVE V85AX V85TX YB3MM fm OC-088; 160-6m; CW SSB RTTY; 4-5 stations, 24 hrs/day;
2012 Nov12	2012 Nov13	**Papua New Guinea**	**P29VCX**	SM6CVX	425DXN 20120929	By SM6CVX fm Loloata I (OC-240)
2012 Nov12	2012 Nov19	**South Cook Is**	**E51KBR**	E51KBR	DXW.Net 20120901	By E51KBR fm Rarotonga I (OC-013); 20-10m; SSB RTTY PSK31; holiday style operation
2012 Nov12	2012 Nov30	**South Cook Is**	**E51**	HB9BXU	DXW.Net 20120901	By HB9BXU and others as E51C E51ABS E51BZD E51CHX fm
2012 Nov16	2012 Nov19	**Greenland**	**XP2I**	OZ1BII	OZ1BII 20121005	By OZ1BII; QRV for LZ DX Contest; CW; 160 80m Nov 18-19
2012 Nov17	2012 Nov27	**Lord Howe I**	**VK9**	Home Call	OH1VR 20120710	By OH1VR as VK9/OH1VR and OH3JR as VK9/OH3JR; 160-6m; CW SSB RTTY; include SAE + IRC or 2USD w/ QSL request; each QRV for CQWW DX CW as SOSB
2012 Nov18	2012 Nov24	**Sint Maarten**	**PJ7**	See Info	K1GI 20120930	By K1GI as PJ7I (QSL via JG2BRI) and 7L4XDT as PJ7XK; 160-10; SSB CW + digital; 500w; hex beam + verticals
2012 Nov18	2012 Dec08	**South Cook Is**	**E51TLA**	LotW	425DXN 20120803	By OZ6TL fm Rarotonga I (OC-013); CW RTTY; QSL also OK via
2012 Nov20	2012 Dec11	**Bahamas**	**C6** NEW	Home Call	DXW.Net 20121113	By N4BP as C6AKQ, N4UM as C6ARU, K4RUM as C6AUM fm
2012 Nov21	2012 Dec03	**Br Virgin Is**	**VP2V**	LotW	AA7V 20120724	By N3DXX AA7V; QRV for CQWW DX CW and perhaps ARRL 160m Contest; QSL also OK
2012 Nov23	2012 Dec03	**Lesotho**	**7P8D**	LotW	ZS2DL 20120111	By ZS2DL V51YJ LZ1UQ DJ3CQ ZS1TT K5LBU DL2MDU DL8JJ ZS2DK ZS6RJ VE7MID VA7DX; 160-10m; CW RTTY, some SSB; QSL also OK via OQRS or direct
2012 Nov24	2012 Dec10	**Mauritania**	**5T0SP**	LotW	SP6EQZ 20120807	By SP2EBG SP3CYY SP3GEM SP6EQZ SP6FXY SP6IXF 5T0JL fm Nouakchott (IK28ac); 160-10m;
2012 Nov26	2012 Dec11	**Maldives**	**8Q7AU**	HB9OAU	DXW.Net 20121009	By HB9OAU fm Maayafushi I, North Male Atoll (AS-013, WLOTA 3911); 80-10m; SSB; 7 band vertical

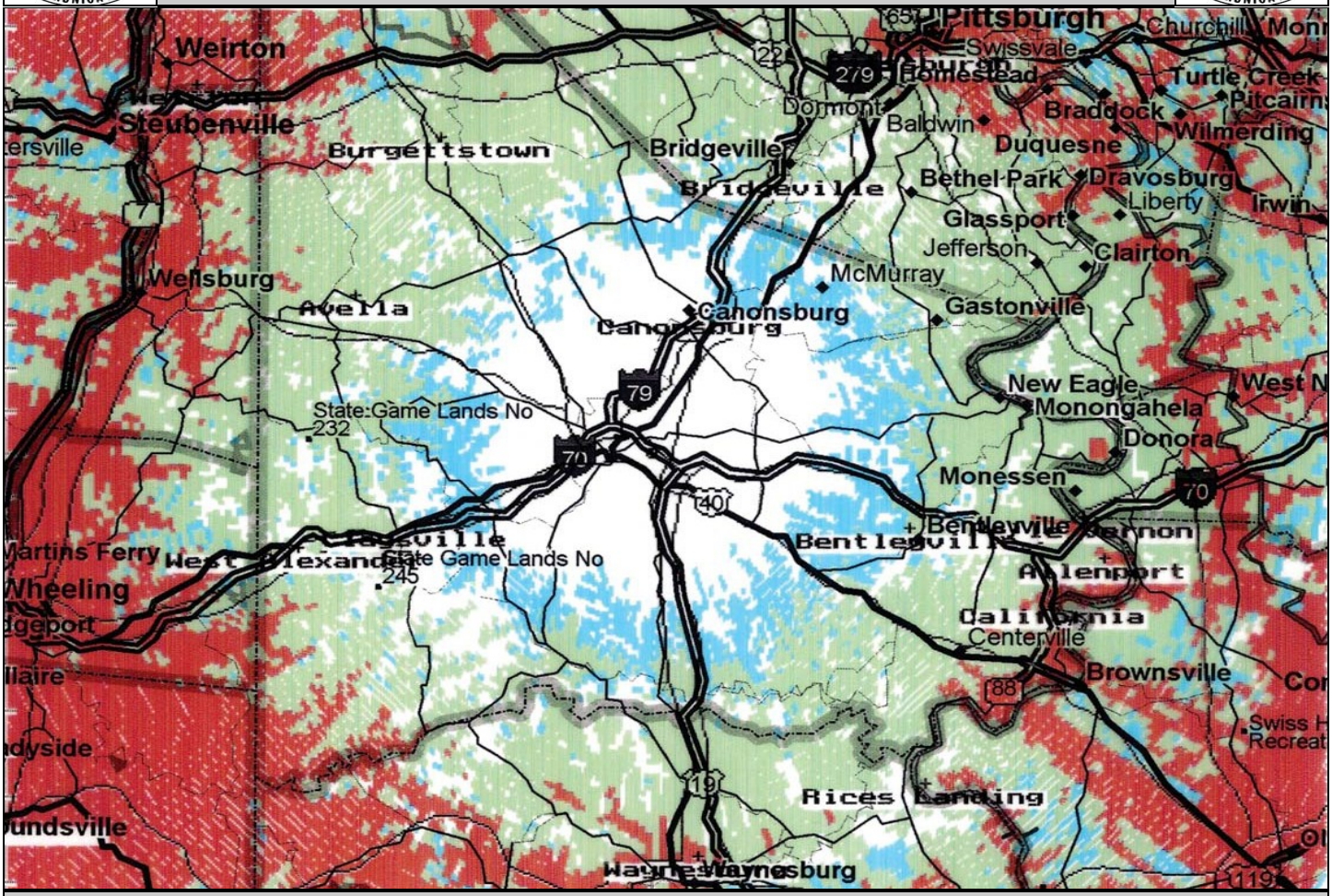
VE Testing Session!

4 Nov 12 from 10AM-2PM!

At the WACOM Hamfest, Washington Co. Fairgrounds.

Please bring the following to your test session:
Picture ID or other suitable identification (2 forms of ID required)
Pen / Pencil / Calculator
Original FCC license plus a copy of license (if upgrading)
Original CSCE plus a copy of CSCE (if upgrading)
Check or Cash in the amount of $15.00 (payable to: ARRL VEC)
Correct change or check is very helpful.
Talking will be kept to a minimum. This is very disturbing to someone who is trying to obtain their license for the first time. Please pass this information on to interested parties.
Bob KI4DHB VEC Liaison

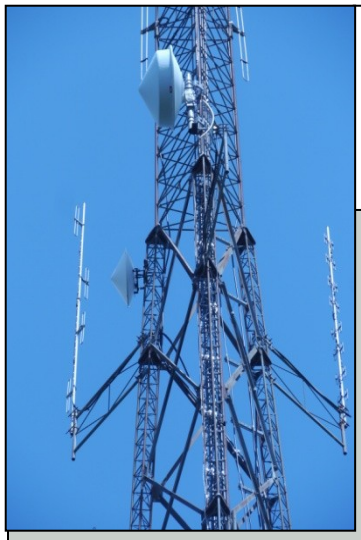
WE GOT YOU COVERED!



WACOM has added ECHOLINK to the .79 machine and increased coverage for Washington County along I-79 & I-70 from the Pittsburgh to Waynesburg.

Another major improvement will extend coverage well beyond Monessen.

Now that we have you covered, GIVE IT A TRY. 146.79 (-600) 131.8hz



WACOM

WACOM implemented an ECHOLINK interface during the summer of 2012.

#4679

ECHOLINK is a combination of computer hardware and software integrated to provide an audio linking system for use by licensed radio amateurs worldwide. There are currently more than 170,000 registered users in 158 countries worldwide!

The Sound Card in your desktop or notebook computer is actually a very sophisticated Digital Signal Processor (DSP) which is used to convert your voice from a microphone (analog) signal into the digital signal which will then be transported across the Internet. The audio is the "A" and the digital the "D" in the frequently referred to "A to D converter." At the other end of the network the sound card processes the digital back into audio "D to A."
Since the Internet protocol (IP) is used for the voice transmissions this is one of many uses of "VoIP" Voice over IP.

The program called Echolink, available free over the Internet must be installed. The computer running ECHOLINK software is then used to register with the ECHOLINK Server, which verifies the amateur license. Next, using a connection to the Internet, the software will display ALL the stations currently connected thru the ECHOLINK SERVER. Unless a station "node" is indicating busy, it can be "connected."

So, we basically have two computer systems, one at each end connected through the Internet server, both running the Echolink software. These two computers can now talk to each other, one at a time, simplex fashion.

Certainly we don't need Ham Radio licenses for computers to talk to computers using sound cards. However, when we add this Internet connectivity to a radio transmitter or even more interesting, a radio repeater system providing coverage to an entire city, our radio licenses are necessary since we are now transmitting over the airwaves.

If we take one end and attach it to a repeater, then anyone on the system IN THE WORLD can "access" this repeater using his or her computer!

Conversely, at one end of this system we can have John in Canonsburg, using his little ICOM talkie, talking into the WACOM repeater and selecting any available node on the system. John likes to work Australia & Israel… Gary, who moved to the South, can use WACOM to link back home while trucking thru Washington.

About 12 years ago, prior to traveling to Hawaii, I had determined what stations used ECHOLINK in Honolulu. While there, I accessed that repeater's Echolink connection, dialing in the node number for my old local repeater. I had established a link. For almost an hour, while walking around a flea market in Honolulu, my little Yaesu vx5 hanging around my neck was "linked" to "NORA." I called CQ a few times and talked with some of my friends. I also worked several people I never had heard before on NORA. I had some explaining to do, as neither had heard about Echolink.

A computer can initiate a connection to another computer or repeater, so also can a mobile, a base station or a hand held radio initiate a connection thru a repeater to another node on the Echolink network. And that node can be a computer or even another repeater system with mobiles & handhelds!!!!
This program is currently available on the Internet for FREE.
You need a computer, a sound card, a microphone and a speaker, and at least a dial-up Internet connection. As you become familiar with the procedures, you'll learn how to originate calls from your computer, your mobile or talkie.
Next, get on the Internet and check out the Echolink site, learn more and download the software. http://www.echolink.org
There it will explain how to establish your node number.

Next get on WACOM 146.79 (-600) get to know us! **www.wa3comarc.com** **echowacom812.**

Restoration of a Heathkit AF-1 Audio Frequency Meter

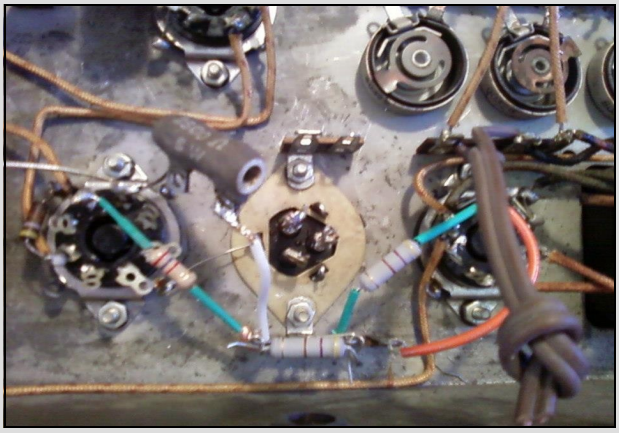
by Dave Frankenbery—KD3RZ

Dave—KD3RZ

The AF-1 Audio Frequency meter is one of the rarest pieces of old Heathkit test equipment. This was Heathkit's solution to offer a low cost alternative in place of more costly oscilloscopes for measuring audio frequencies. The oscilloscope was a luxury item for most radio operators in the mid 1950s due to their high cost. Unfortunately, since this unit only measured audio and not radio frequencies, very few were ever sold and are very hard to find today. Heathkit would soon discontinue this product due to lack of sales. My thought was; can this be rebuilt to work like new again and be a usable piece of equipment in my electronics laboratory. I do have a 2 meter transceiver that uses an audio tone to key our local repeater (Heathkit HW-2036). It uses a variable resistor to adjust the tone. Can I use this old AF-1 meter to calibrate my transceiver so it can key the repeater? There is only one way to find out. Rebuild it! The procedures are written within the photos. Enjoy!

The AF-1 Audio Meter as found

Looking at and testing the units components; I found 3 bad paper capacitors, 2 resistors, and 2 sections of the 3 section can capacitor to be open or out of spec. I guess it is best to replace them all!



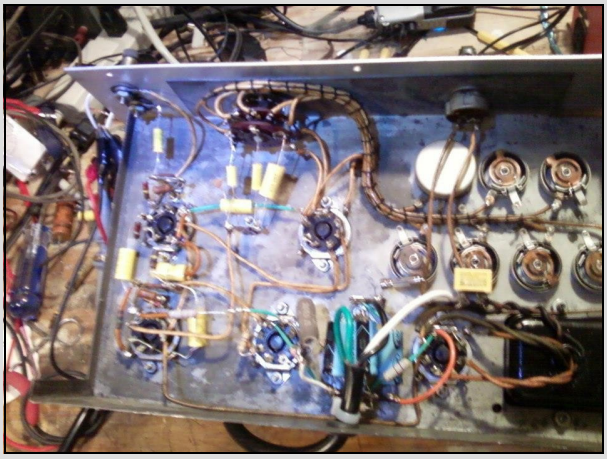
Replacing the resistors with new ones and installed a double lug for capacitor grounding and later safety modifications.

Checking the vacuum tubes and cleaning the chassis. The 0D3 regulator tube was bad, so I replaced it.

Restoration of a Heathkit AF-1 Audio Frequency Meter (Continued)

Replacing the 3 section can capacitor with 3 separate 20uf capacitors attached to the installed lug under the chassis. All of the wax paper capacitors on the left side of this photo will also be replaced.

Safety modifications! I redesigned the power supply section with a 3 wire grounded cord, added a fuse to the hot wire, and a .01uf bypass safety capacitor to protect the transformer from voltage spikes.



Final inspection! New components installed and everything looks good! Time to plug it in and do the "Poof Test!" No poof, so it passed! No smoke, fire, or explosion so all is good! Power is still on in the neighborhood! :)

Calibrating the unit at 150 hertz. OK, let's see if it can be used to adjust my HW-2036 to the repeater. I was able to find the general area of the needed frequency using the AF-1 Meter and with a couple of minor adjustments. Success!!!! I keyed the repeater!

Want to show off your shack, antennas, and/or projects?

E-mail photos and descriptions to Ken—AA3GM

THE WACOM HAM 'EXOTIC' DX FEATURE-OF-THE-MONTH

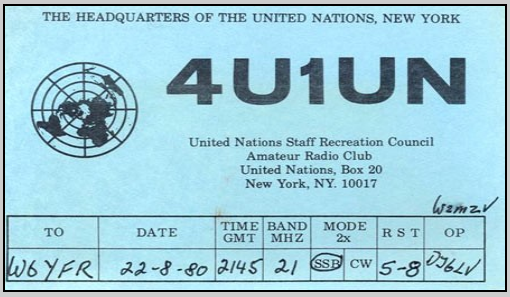
United Nations-4U1UN

Most of us forget that the United States contains a tiny DX entity within its own borders—the United Nations (4U1UN). Though it is located inside the UN in New York City, it is considered a separate DX entity by the IARU. Though it is in our own proverbial backyard, it is actually quite difficult to gain permission to be a guest operator. Unlike 4U1ITU in Geneva, 4U1UN is not usually for guest operation but is designed for the recreation of the UN Headquarters staff who are ham operators. Theoretically, anyone who has a valid amateur radio license may apply for authorization to be a guest operator, without which you cannot even enter the main building. However, it is seldom issued for safety and security sake. That being said, the worst they can say is 'No" if asked. If you are a determined amateur operator and REALLY want to operate from 4U1UN please contact:

U.N. Staff Recreation Council
Amateur Radio Club
PO Box 20
New York, NY 10017

GOOD LUCK!

SOURCE: Editor & ARRL



A short history of 4U1UN

The Club has about a dozen members, all of them UN Headquarters employees. Some of them are retired and live overseas. A few are active, including the station's manager. They invest their time and money into keeping 4U1UN on the air. The Radio Club does not accept donations and does not solicit outside help.

The Club's founding father – Max de Henseler, HB9RS, was working at the UN between 1975 and 1989. His efforts made 4U1UN an independent entity for the DXCC program. In the late 80′s the station was very active and operated in most major contests. For reasons of security, access to the UN building is restricted. This is why 4U1UN is a rare guest on the amateur bands. Station is located in the building's penthouse. Three floors down is the UN Secretary General's office, which adds to security measures and scrutiny. Each and every guest operator has to be escorted by a UN employee at all times, even to the bathroom. In case of our host, when he accommodates visitors, he still has work deadlines to meet and must do his day's work on weekends, and sometime even at night. Needless to say, it creates a hardship.
Source: http://www.cqdx.ru/ham/ham_radio/4u1un-one-special-day/

2012 FIELD DAY RESULTS ARE IN!!!

Despite several assaults from Mr. Murphy (last-minute change of site, broken tower, no yagi antenna, etc.) WACOM members still managed a very impressive score for the 2012 Field Day!

www.arrl.org

#1 in WPA with the 4A designator!

#2 in the Atlantic Region for 4A!

#4 in scoring for all of WPA!

CONGRATULATIONS AND THANKS TO ALL FOR THE HARD WORK AND DEDICATION!

Results Database

Contest Records
Results Database
Plaques And Certificates
Soapbox
Contest Log-Checking Reports
Contest Results Articles
Database Downloads

Join ARRL

2012 Field Day — Select contest

2012 Field Day

Displaying entries for **Category**=**4A** and **Section**=**WPA**

Entries 1 to 8 of 8 listed

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	WA3COM	5,056	4A	1,490	2	KC3HW	WPA	19	
2	N3SH	3,180	4A	720	2		WPA	15	Wireless Assn of South Hills
3	W3OC	3,004	4A	844	2	KB3YRW	WPA	24	Two Rovers ARC
4	W3GV	1,958	4A	728	2		WPA	21	Radio Assn of Erie
5	KA3PMW	1,946	4A	619	2		WPA	4	
6	WX3SKY	1,706	4A	279	2	NU3Q	WPA	19	Skyview ARS - Field Site
7	K3SMT	1,230	4A	339	2		WPA	20	Somerset Cty ARC
8	N3PC	644	4A	247	2		WPA	12	Headwaters ARC

2012 Field Day

Displaying entries for **Category**=**4A** and **Division**=**AT**

Entries 1 to 21 of 21 listed

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	N2OB	9,834	4A	3,026	2	N2CW	SNJ	35	Old Barney ARC
2	WA3COM	5,056	4A	1,490	2	KC3HW	WPA	19	
3	W3EM	4,446	4A	1,168	2	W3PSH	EPA	45	Phil-Mont Mobile RC
4	W2CM	3,968	4A	889	2	K9CHP	WNY	42	Liverpool Am Rep Club
5	K3NEM	3,742	4A	921	2	W3GR	MDC	15	ARC of National Electronics Museum
6	W2AE	3,400	4A	729	2		WNY	32	Radio Amateurs of Greater Syracuse
7	W3CU	3,324	4A	648	2		MDC	25	Maryland Mobileers ARC
8	N3SH	3,180	4A	720	2		WPA	15	Wireless Assn of South Hills
9	K3AE	3,062	4A	781	2		EPA	33	Southern PA Comm Group
10	W3OC	3,004	4A	844	2	KB3YRW	WPA	24	Two Rovers ARC
11	K3PZN	2,898	4A	669	2		MDC	10	Carroll Cty AC
12	K3CAL	2,786	4A	598	2		MDC	15	Calvert ARA
13	K3PG	2,698	4A	469	2	K3LMR	MDC	21	Queen Annes ARC
14	W3GV	1,958	4A	728	2		WPA	21	Radio Assn of Erie
15	KA3PMW	1,946	4A	619	2		WPA	4	
16	WX3SKY	1,706	4A	279	2	NU3Q	WPA	19	Skyview ARS - Field Site
17	AB2JT	1,508	4A	529	2		WNY	4	Hillbilly Hams
18	W2RUI	1,286	4A	110	2		WNY	24	LARA
19	K3SMT	1,230	4A	339	2		WPA	20	Somerset Cty ARC
20	K2PRO	814	4A	57	2		WNY	7	Pioneer Radio Operators Society

Results Database

Contest Records
Results Database
Plaques And Certificates
Soapbox
Contest Log-Checking Reports
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2012 Field Day — Select contest

2012 Field Day

Displaying entries for **Section**=**WPA**

Entries 1 to 25 of 42 listed

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#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	K3MJW	6,392	4E	1,911	2		WPA	15	
2	W3MIE	6,292	2A	1,636	2	N3QQH	WPA	39	Crawford ARA
3	N3CU	5,345	1B2B	517	5		WPA	2	
4	WA3COM	5,056	4A	1,490	2	KC3HW	WPA	19	
5	W3YA	4,436	3A	2,924	1		WPA	15	Nittany ARC
6	W3KWH	3,380	3E	1,016	2		WPA	17	
7	N3SH	3,180	4A	720	2		WPA	15	Wireless Assn of South Hills
8	W3OC	3,004	4A	844	2	KB3YRW	WPA	24	Two Rovers ARC
9	W3CSL	2,780	3A	739	2		WPA	25	Monessen ARC
10	N3QC	2,550	2AC	811	2	K3HWJ	WPA	26	Quad Cty ARC
11	W3SGJ	2,494	5A	763	2		WPA	45	Beaver Valley ARA
12	W3RA	2,290	3A	601	2		WPA	3	Allegheny Valley RA

WACOM 2012 HAMFEST

Washington Amateur Communications

SUNDAY, NOVEMBER 4th, 2012

WASHINGTON COUNTY FAIRGROUNDS

2151 North Main St.

WASHINGTON, PA 15301

8:00 A.M –3:00 P.M—Admission $5.00

Doors open early for VENDOR SETUP Saturday 6:00 p.m.

Talk in on 146.790 MHz no Pl

MAJOR VENDORS

Over 200 tables

KJI ELECTRONICS—QUICK SILVER RADIO

MAIN PRIZES:

1st AMERITRON 811 HF Amplifier

2nd HI-DEF TV

3RD VHF FM TRANSCEIVER ICOM IC-V8000

BLACK BOX PRIZE ONLY 50 TICKETS SOLD

MAIN DRAWING AT 1:00 P.M. NEED NOT BE PRESENT TO WIN

Vendors Contact Bud Plants N3TIR bud@n3tir.com 724-350-6745

Vendor Forms located at www.wacomarc.org

6Ft TABLES SUPPLIED, cost $12.00 ea. - Discount reserve more than (5) $10.00ea.

TABLE DEADLINE IS OCT 24th, 2012- Must prepay to hold tables

VE TESTING TIME TBA

BREAKFAST AND LUNCH WILL BE AVAILABLE

DOOR PRIZES--YL PRIZE---DX CARD CHECKER

THE MEADOWS CASINO NEAR BY

Send vendor payment to-

Please include vendor form and make checks payable to

WACOM c/o Norma Plants N3YJJ

236 Chambers Ridge Road West Alexander, Pa 15376

WASHINGTON AMATEUR COMMUNICATIONS

2013

MEMBER INFORMATION AND DUES RENEWAL FORM

Name: _____ **Address:**_____

City: _____ **State:** ____ **Zip:**_____

Home Phone: _____ **Business Phone:** _____

Other Phone: E•Mail: _____

Amateur Call: _____ **License Class :** _____

Spouse: _____ **Spouse Call:** _____

Spouse License Class: _____

In case of emergency, for what bands do you have equipment?

_____

_____

What are your favorite amateur activities?

_____

_____

What activities would you like to see WACOM sponsor?

_____

_____

ARRL Member? Y N

Please return completed form and dues to:

WACOM c/o Norma Plants 236 chambers Ridge Road, West Alexander PA 15376

E- mail n3yjj@arrl.net

Dues: Individual $20 per year, Additional Family Members $10 each