June 2013
Vol. 38, # 6

Washington Amateur Communications Inc.

THE WACOM HAM

WACOM Members Teach Boy Scouts Emergency Communications on 4 May 13

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Scout Camporee

Get Ready for Field Day!!

WACOM at Dayton!

WACOM President's Message June 2013

Bill—NY9H

Hello June!

Thanks to those who came out for the "Walk for Alex" communication exercise today. We provided not just emergency messaging , should it have been required, but also some house-keeping for the race committee. Those of you just monitoring the repeaters today surely were impressed with the manner in which all the race communications were handled. I was. With the deadline behind us for this issue, more info will in next month. But Thanks again to all.

We had a great Dayton experience. Some said attendance was down, but Friday was certainly very busy, as was Saturday. At the WACOM mega-tent, I took the opportunity to visit with many old friends, as my radio paraphernalia acquisition days are over (for now). When one spends 40 years in a hobby, any hobby, you make many friends. Actually one of my first moves on Friday morning was to purchase a radio for Art N9JKK, a TenTec. That was the big spending for the fest. One of my old neighbors, Steve Farkus stopped in the WACOM booth and we discussed the power amplifier marketplace and Alpha's new 4040 tuner. Ham celebrity Gordon West, paused a while also at the front of the tent. I was The IL/WI Standard Radio rep for two way back in the mid 80s, as Gordo was the marine sales manager.. and so on ...for three days.

We did have a great time watching one of our newest hams... 3 weeks a ham (and a new General Class license at Dayton) . He was on a quest to get all the stuff he believed he needed. I hope he succeeded. The Gap vertical he selected is now up and running in Claysville. Congrats to Bob KC3AJM!

Final thanks to Dave N3IDH for his connections getting me set up in the dorms at Dayton.

JUNE 22-23, Sat & Sun is Field Day Weekend , with some setup Friday afternoon.....

2013 CLASSES FOR TECHNICIAN CLASS Start in JULY on Tuesdays.....and we are expecting a number of scouts from our Camporee effort.

JULY 16, 23, 30 , AUGUST 6 , 13, 20, & 27 with a TEST SESSION on Wed 28 Aug 13

Please email ny9h@arrl to reserve a spot.

WACOM will be supplying the Gordon West study guide @ $ 24

Bill NY9H/3

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

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

WACOM Digital Net
Mondays at 8PM with MT-63 format
146.790 K3PSP Repeater

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 WACOM 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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kb3ylr@arrl.net
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Ken Frankenbery, AA3GM
ktfrank2@verizon.net

WACOM General Meeting Minutes

9 May 2013, 7:30 PM

Bill (NY9H) called the meeting to order at 19:30 PM

Reports

Minutes – Don moved to approve minutes as they appeared in the newsletter, Bob seconded, motion accepted

Treasurer – Treasurer's report; Jim moved to accept treasurer's report, Don seconded, motion accepted

Old Business

Radio room – a little work still to do

Nets – NBEMS, 6 check-ins; Elmer, 19 check-ins; public service, 16 check-ins

Field day – Ken still needs people to sign up (operators, equipment, food, etc.)

Scout Camporee on 4 May 13 – lots of interest from scouts! Went very well.

Education – tech class coming soon – probably starts in July.

New Business

People needed for event at Bentleyville (Run for Alex) on June 1

Don moved to allow Bill to buy six laptops not to exceed $600, Kevin seconded, motion approved. These are to be used for the Club shack and/or Field Day.

There being no further business, Kevin moved to adjourn, Don 2nd, meeting adjourned at 20:16

Vertical antenna in foreground with a beautiful sunset at N3TIR's QTH

Next WACOM meeting 6 June 2013, 7:30 PM!

Please come and help plan for Field Day!!!

2013 WACOM Upcoming Events Calendar

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

1 Jun 2013, *The Run for Alex* (Need Comm. support from hams), from**alex**withlove.org

2 June 2013, Breezeshooter's Hamfest http://www.breezeshooters.org/

6 June 2013, WACOM Meeting at 7:30PM, Washington County Building

8 June 2013, ARRL June VHF Contest http://www.arrl.org

22-23 June 2013, ARRL Field Day http://www.arrl.org

1-6 July 2013, 13 Colonies Special Event Stations http://13colonies.info

6 July 13, North Hills ARC Hamfest http://www.nharc.org

7 July 13, Somerset County ARC Hamfest http://k3smt.org

11 July 2013, WACOM Meeting at 7:30PM, Washington County Building

13-14 July 2013, IARU World Championship http://www.iaru.org

3-4 Aug 13, ARRL UHF Contest, http://www.arrl.org

25 Aug 13, Skyview RS Hamfest http://www.skyviewradio.net

31 Aug 13, Uniontown ARC Hamfest http://www.w3pie.org/gabfest.htm

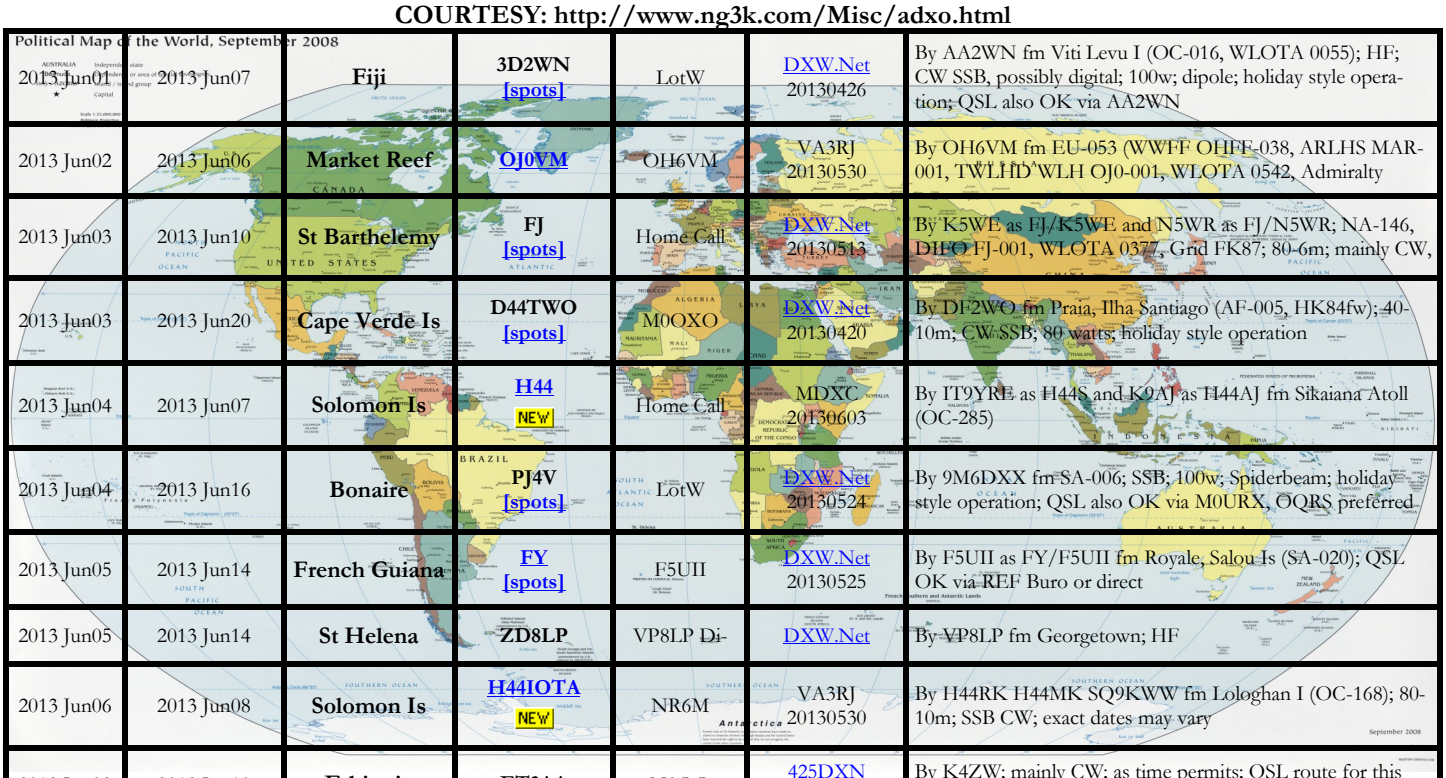
8 Sep 13 - Butler Co ARA Swapfest http://www.w3udx.org

12-13 Oct 13 - Pennsylvania QSO Party http://www.nittany-arc.net/PAQSO.html

3 Nov 13 - WACOM Hamfest, Washington Co Fairgrounds, http://www.wacomarc.org

WACOM HAM DX CORNER—JUNE 2013

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



2013 Jun01	2013 Jun07	**Fiji**	**3D2WN** [spots]	LotW	DXW.Net 20130426	By AA2WN fm Viti Levu I (OC-016, WLOTA 0055); HF; CW SSB, possibly digital; 100w; dipole; holiday style operation; QSL also OK via AA2WN
2013 Jun02	2013 Jun06	**Market Reef**	OJ0VM	OH6VM	VA3RJ 20130530	By OH6VM fm EU-053 (WWFF OHFF-038, ARLHS MAR-001, TWLHD WLH OJ0-001, WLOTA 0542, Admiralty
2013 Jun03	2013 Jun10	**St Barthelemy**	**FJ** [spots]	Home Call	DXW.Net 20130513	By K5WE as FJ/K5WE and N5WR as FJ/N5WR; NA-146, DIFO FJ-001, WLOTA 0377, Grid FK87; 80-6m; mainly CW,
2013 Jun03	2013 Jun20	**Cape Verde Is**	**D44TWO** [spots]	M0OXO	DXW.Net 20130420	By DF2WO fm Praia, Ilha Santiago (AF-005, HK84fw); 40-10m; CW SSB; 80 watts; holiday style operation
2013 Jun04	2013 Jun07	**Solomon Is**	H44 NEW	Home Call	MDXC 20130603	By IT9YRE as H44S and K9AJ as H44AJ fm Sikaiana Atoll (OC-285)
2013 Jun04	2013 Jun16	**Bonaire**	**PJ4V** [spots]	LotW	DXW.Net 20130524	By 9M6DXX fm SA-006; SSB; 100w; Spiderbeam; holiday style operation; QSL also OK via M0URX, OQRS preferred
2013 Jun05	2013 Jun14	**French Guiana**	FY [spots]	F5UII	DXW.Net 20130525	By F5UII as FY/F5UII fm Royale, Salou Is (SA-020); QSL OK via REF Buro or direct
2013 Jun05	2013 Jun14	**St Helena**	**ZD8LP**	VP8LP Di-	DXW.Net	By VP8LP fm Georgetown; HF
2013 Jun06	2013 Jun08	**Solomon Is**	H44IOTA NEW	NR6M	VA3RJ 20130530	By H44RK H44MK SQ9KWW fm Lologhan I (OC-168); 80-10m; SSB CW; exact dates may vary
2013 Jun08	2013 Jun10	**Ethiopia**	**ET3AA**	N2OO	425DXN 20130601	By K4ZW; mainly CW; as time permits; QSL route for this operation only
2013 Jun08	2013 Jun15	**Bahamas**	**C6ATT**	Home Call	K2TTT 20120920	By K2TTT fm New Providence I (NA-001, WLOTA 1115, FL15hb); also N2RFA (C6ABB), K2KJI (C6ALC), KC4PX (C6APX); 80-10m; SSB RTTY SSTV PSK31 JT65; QRV for
2013 Jun08	2013 Jun22	**St Lucia**	**J68HZ** NEW	LotW	VA3RJ 20130530	By K9HZ fm Castries I (NA-108, WLOTA 1336, Grid FK94); 160-6m, focus on 160 + 80m; CW SSB RTTY; yagi on 20-6m, wires on other bands; QSL also OK via K9HZ direct
2013 Jun10	2013 Jun13	**Solomon Is**	H44IOTA NEW	NR6M	VA3RJ 20130530	By H44RK H44MK SQ9KWW fm Mana I (OC-158); 80-10m; SSB CW; exact dates may vary
2013 Jun11	2013 Jun28	**St Martin**	**FS**	LotW	DXW.Net 20130507	By K9EL as FS/K9EL; 80-6m; QSL also OK via K9EL, Buro or direct
2013 Jun14	2013 Jun28	**Br Virgin Is**	**VP2V**	W9DR	W9DR 20130212	By W9DR as VP2V/W9DR fm Anegada I (FK78tr); 6m; SSB; CW beacon on 50115.6 kHz
2013 Jun15	2013 Jun20	**Botswana**	**A25RJ**	ZS6RJ	DXW.Net	By ZS6RJ; 80-10m; CW RTTY
2013 Jun16	2013 Jun30	**Svalbard**	**JW9JKA**	LA9JKA	LA9JKA	By LA9JKA; operation to continue until Dec 15, 2013
2013 Jun17	2013 Jun20	**Luxembourg**	**LX** NEW	LotW	VA3RJ 20130530	By ON7SS as LX/OO9O; 30m; CW PSK; QSL also OK via ON Buro
2013 Jun17	2013 Jun24	**Solomon Is**	H44IOTA NEW	NR6M	VA3RJ 20130530	By H44RK H44MK SQ9KWW fm Stewart I (OC-285); 80-10m; SSB CW; exact dates may vary
2013 Jun20	2013 Jul01	**Belize**	**V31IV**	W6JKV	VA3RJ 20130523	By W6JKV fm San Pedro (Grid EK67); 80-6m
2013 Jun22	2013 Jun29	**Guantanamo Bay**	**KG4**	Home Call	K4RX 20130424	By K4RX as KG4RX, AC4TO as KG4TO, N4SIA as KG4AS fm FK29kv; HF; CW; KG4RX + KG4TO QSOs
2013 Jun22	2013 Jul10	**Bonaire**	**PJ4D**		OPDX 20130603	By DL1DI fm SA-006 (WLOTA LH-1279); holiday style operation
2013 Jun28	2013 Jul07	**Curacao**	PJ2	LotW	ON6DX 20130418	By ON6DX as PJ2/ON6DX; focus on 6m + 15 12 10m for JA and Asia; QSL also OK via ON6DX, Buro or direct
2013 Jun30	2013 Jul05	**Luxembourg**	LX	ON6ZV	ON6OM	By ON6ZV ON6OM ON7EG ON4MW as LX/OO6P; HF;

Thanks for all the great participation at the "Run For Alex"

The following contributed their efforts :

NET CONTROL: BILL KB3LIX WASHINGTON

LOREN WA3WZR MONOGAHELA
JOE WA3WMB CHARLEROI
MARCY KB3ZNY WHITE OAK
BOB KB3IN WASHINGTON
GENE KB3JHR MCMURRAY
DON KB3YLR PROSPERITY
BILL NY9H PROSPERITY
DAVE N3IDH WASHINGTON
JOE N3JSB SCENERY HILL
BOB KB3ZUS CANONSBURG
KEVIN N3HKQ MONONGAHELA
KEVIN KN4AA CLAYSVILLE
SALLY KK4YL CLAYSVILLE
NORMA N3YJJ WEST ALEXANDER
BUD N3TIR WEST ALEXANDER

Part of the WACOM Team!

I UPLOAD MY LOGS TO THE ARRL LOGBOOK OF THE WORLD

Come Join The ARRL Logbook of the World!

I UPLOAD MY LOGS TO THE ARRL LOGBOOK OF THE WORLD

Logbook of the World (LoTW) is a web-accessed database provided by the American Radio Relay League (ARRL) to implement a contact verification service among amateur radio operators. Using LoTW, radio amateurs (hams) can claim and verify contacts (QSOs) made with other amateurs, generally for claiming credit for operating awards, such as DXCC. This kind of verification formerly required exchange of paper QSL cards and submission to ARRL, a slow and somewhat expensive process. LoTW began operation in 2003. The LoTW system emphasizes secure authentication using cryptographic key distribution. An amateur's computer-based logbook, in ADIF[2] or Cabrillo[3] format, must be "signed" using a key obtained from ARRL. (Logbook data includes callsigns and locations of stations, contact time, frequency, and operating mode.) ARRL assigns such keys to amateurs who appear in the U.S. FCC licensing database or to non-US amateurs who provide alternate proof of identity.

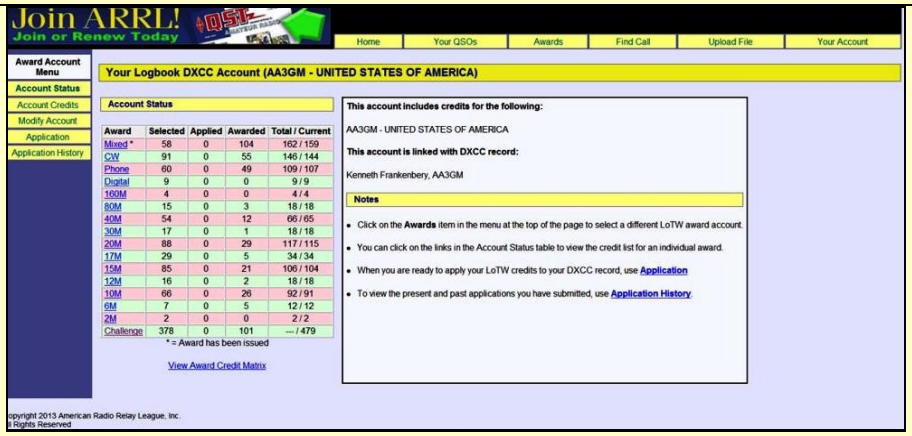
Once a log file has been signed using ARRL's "TrustedQSL" (or equivalent) program, it is uploaded to the ARRL server and entered in the database. Log records in the LoTW database are automatically compared so that when a contact at a particular time, operating mode, and frequency band is claimed by both participating amateurs (who both must have submitted their logs), a "QSL" (confirmation) is declared for a later award claim, e.g., for contacts with all U.S. states or 100 different countries. The matching process is blind, meaning that none of the two stations can see pending confirmations for him before he uploads a matching record. The LoTW QSL is purely electronic; there is no paper confirmation.

A LoTW-registered amateur may log in to the LoTW website to view his or her logged QSOs and the verified QSL matches. When the amateur has a sufficient number of LoTW and/or traditional paper QSLs, he or she may apply for an ARRL award. As of January 2012, LoTW credit may be used for credit for awards issued by the ARRL and by CQ Magazine. The ARRL does not recognize other web-based QSL systems, such as eQSL, for awards credit.

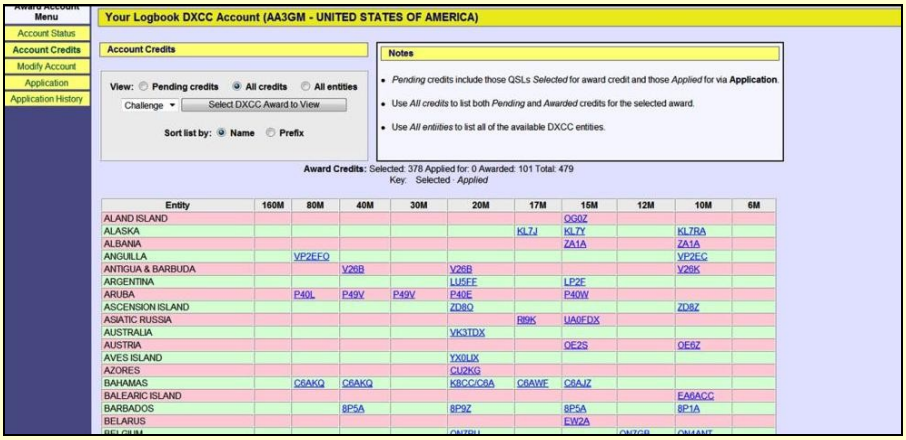
To find out how to join and begin the process for an account go to http://www.arrl.org/logbook-of-the-world.

A few samples from my own LotW account [AA3GM]

Tracks the number of DX Countries on each band ——►



Also tracks by call each DX country on each band —►



In addition, it tracks DXCC. WAS, VUCC, CQ WPX Awards by mode and band (not shown)

Don't Miss the ARRLVHF Contest 8-9 June 2013!

As summer starts to warm up, the VHF bands will be hot for the 2013 **ARRL June VHF Contest**, June 8-10. Even with a modest station, it's possible to work hundreds of miles on the VHF bands during a good opening. ARRL Contest Branch Manager Sean Kutzko, KX9X, is a VHF enthusiast. "The June VHF Contest occurs at the beginning of summer's sporadic E season, which can produce intense openings on 6 meters, and even 2 meters," he said. "With interesting propagation characteristics like sporadic-E, tropospheric ducting, aurora and even meteor scatter and moonbounce, VHF offers QSO opportunities that HF can never satisfy."

Kutzko explained that getting on the VHF bands can be quite simple, since many HF transceivers come equipped with at least 6 meters, and possibly other VHF/UHF bands. This year, the June VHF Contest has two new entry classes: Single Operator/FM Only and Single Operator/3-Band. "SOFM" allows 100 W on 6 meters through 70 centimeters using only FM, while "SO3B" allows 100 W on 6 and 2 meters, and 50 W on 70 centimeters on any mode. Operations for both the new categories must be conducted from a single fixed location.

You can find **plans for simple VHF antennas** at the Technical Information Service area of the ARRL website, as well as in the "Antennas" chapter of the ***ARRL Handbook*** or in the "VHF and UHF Antenna Systems" chapter of the ***ARRL Antenna Book***. Because VHF antennas are generally smaller than their HF counterparts, Kutzko said that portable operation is simple: "You can operate from your favorite hilltop, campsite or any location with high terrain and make many QSOs. All you need to know is the **Maidenhead grid square** of your operating location, which is the contest exchange. Some grids can be quite rare; if they're not too far from you, you might want to consider a portable operation to a rare square for a chance to be sought-after DX."

"The weekend promises to be a tremendous amount of fun on the VHF and UHF bands. Don't miss out! All amateurs -- from Technicians to Extras, experienced VHF operators to the first-time VHF dabblers -- can join in the excitement," Kutzko said. The **ARRL June VHF Contest** runs from 1800 UTC Saturday, June 8 through 0259 UTC Monday, June 10 (Saturday afternoon to Sunday evening for most of the US and Canada). Complete rules and entry forms may be found **here**. All logs must be **e-mailed** or postmarked no later than 0300 UTC Wednesday, July 10. Questions can be sent via **e-mail** to the Contest Branch.

FCC Seeks Small Vanity Call Sign Fee Increase

29 May 13

The FCC released a *Notice of Proposed Rulemaking* (NPRM) on May 23, seeking to raise the fee for Amateur Radio vanity call signs by 20 cents. Currently, a vanity call sign costs $15 and is good for 10 years; the new fee, if approved, will go up to $15.20 for 10 years. The FCC is authorized by the Communications Act of 1934, as amended to collect vanity call sign fees to recover the costs associated with that program.

The vanity call sign fee has fluctuated over the 15 years of the current program -- from a low of $11.70 in 2007 to a high of $70 (as first proposed in the FCC's 1994 *Report and Order*). The FCC said it anticipates some 14,300 Amateur Radio vanity call sign "payment units," or applications, during the next fiscal year, collecting $217,360 in fees from the program.

Vanity Fee Due for New, Renewal Applications

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign. Those holding vanity call signs issued prior to 1993 are exempt from having to pay the vanity call sign regulatory fee at renewal, as Congress did not authorize the FCC to collect regulatory fees until 1996. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the Universal Licensing System (ULS) and clicking on the "New Users: Register" link. You must supply your Social Security Number to obtain an FRN.

ARRL Processes License Renewals, Including Vanities

The ARRL VEC will process license renewals for vanity call sign holders for a modest fee. The service is available to ARRL members and nonmembers, although League members pay less. Routine, non-vanity renewals continue to be free of charge for ARRL members. Trustees of club stations with vanity call signs may renew either via the ULS or through a Club Station Call Sign Administrator, such as the ARRL VEC.

WACOM at the 2013 Boy Scout Search & Rescue Camporee!

3-4 May 2013

Over 400 scouts from Western Pennsylvania participated the 2013 Spring Search & Rescue Camporee. Washington Amateur Communications WACOM participated educating the 400+ Scout as well as the 150 Scout Leaders about the capabilities of Amateur Radio. Several operating stations , using the specially issued call sign W3S (scouts) with scouts at the controls provided communications using HF worldwide radio and well as sending error corrected data transmissions. The data radio equipment utilized a newer technology called NBEMS. Stations in Russia, and Japan were among those contacted. Scout leaders and scouts were encouraged to sign up for the upcoming WACOM Radio classes.

Boy Scout Spring Camporee Patch!

The 80-10 duel screwdriver up on the county-supplied mast

Mark (N3IQS) showing the scouts how to operate HF radio

John (N3GHR) instructing the scouts

Jim (KC3HW) & John (N3GHR) as instructors

Bud (N3TIR) surrounded by boy scouts while demonstrating

Bud showing what MBEMS can do!

WACOM at the 2013 Boy Scout Search & Rescue Camporee

(Continued)

Scouts learning about ham radio for the first time

The Ham radio tent seems to be a popular place!

Jim instructing the scouts

The newly refurbished and overhauled WACOM portable tower!

The WACOM portable antenna tower with a satellite internet dish

Wiley (WD8W) and Bob (KC3AJM) by the tower trailer

Scouts by the ham radio tent

Ron (KC3ABC) providing instruction on carrying out the injured

WACOM at the Dayton Hamvention!!

16-18 May 2013

Norma (N3YJJ) and Bill (NY9H) at the WACOM tent

A foggy Friday morning showing the 80-10 duel screwdriver antenna

Dave (N3IDH) showing off his di-pole launcher he won as a prize!

Anyone have a cool $250,000 on them for an Enigma Machine?

(Being an employee in the 'second oldest profession', I want one!) [AA3GM]

HF 'Pedestrian Portable' Hams gathering for an equipment test and coordination

Dayton Hamvention (Con't)

This makes it easy to find the WACOM tent!

Bill (NY9H) and an old friend Mike (AA6DY) at Dayton

Bud has some serious cable to sell!

Selling candy, water and some radio equipment

Bill (NY9H) and Bob (KC3AJM) at the WACOM tent

Bud trying to make a sale

The 9 May 13 WACOM meeting

Bill (NY9H), Dennis (K3PSP), Ken (AA3GM), Dave (KD3RZ), Bob (KC3AJM) and others

Bill discussing the magic of amps at the meeting

Breezeshooters Hamfest, Butler, PA - 2 June 13

The WACOM booth at the Breezeshooter's Hamfest

Selling lots of candy bars at the Breezeshooter's Hamfest

Rich, KB3VGW, a newly minted general-class amateur with a congratulatory cake!

WACOM FIELD DAY IS ALMOST HERE!

22-23 June 2013

Field Day Site at the South Strabane Fire Hall Pavilion!

DISCOVER AMATEUR RADIO

ARRL Field Day
June 22 & 23, 2013
www.arrl.org

JUNE 22 & JUNE 23 2013

TALK TO THE WORLD

Bud explains to scouts how the magic of radio works.

Scouts building an actual antenna which will be used moments later.

Field Day is an annual demonstration of how ham radio can respond to a catastrophic emergency. We set up antennas and stations operating on emergency power to show our ability to communicate with other similar stations around the country. Scouts watch as Loren makes contacts with other stateside stations participating in this competitive Field Day event.

TALK TO OUTER SPACE

Satellite antennas will be set up to contact several HAM satellites.

The first OSCAR was set in space 50 years ago from Vandenberg AFB.

OSCAR 7 launched in 1974, is still operational and was built by a bunch of “amateurs” !!

COME VISIT

From noon Saturday, June 22, until noon Sunday, June 23 we’ll operate continuously, under a national emergency simulation. YES...All night long.

Individual Scouts or entire groups are encouraged to visit. Saturday afternoon about 2 pm until 11 pm is the best time to visit. Although visitors are welcome the entire time.

Our Field Day will be located at the Pavilion behind The South Strabane Fire Station #1 1696 East Maiden Street (Pancake) east of down town Washington. Interstate from the South take exit (Laboratory) exit hwy40 WESTbound , about three blocks west , on the left is the S. Strabane Fire Station.

more info contact: Ken Frankenbery at kfrank4@earthlink.net

ARRL FIELD DAY IS COMING!

The Washington Amateur Communications Club will be participating in ARRL Field Day as WA3COM on 22-23 June 2013 at and around the picnic pavilion at the South Strabane Fire Hall in Pancake (just outside of Washington, PA on US 40).

All members and non-member amateur radio operators are invited and encouraged to attend and participate in some way!

The WACOM Field Day Coordinator and Point-of-Contact is Ken Frankenbery—AA3GM at ktfrank2@verizon.net.

Please let us know what you are interested in doing at Field Day!

Name/Call: _____

Operating:

Phone _____, CW_____, Digital _____, VHF/UHF_____, Satellite _____, GOTA_____

Planned Equipment to Bring:

Radios:_____

Antennas: _____

Laptops:_____

Cables/Connectors/Wire/etc:_____

Other Equipment:_____

_____

Setup Support: _____(Fri night/Sat morn), Teardown Support: _____ (Sun afternoon)

Food/Drink Support: _____

_____

Other Support: _____

_____

_____

THANK YOU! Ken—AA3GM

WACOM 2013 HAMFEST

Washington Amateur Communications

SUNDAY, NOVEMBER 3th, 2013

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 6:30 p.m.

Talk in on 146.790 MHz no PI

MAJOR VENDORS

Over 200 tables

KJI ELECTRONICS—QUICK SILVER RADIO

MAIN PRIZES:

1st TBA

2nd TBA

3RD TBA

4Th TBA

BLACK BOX PRIZE ONLY 50 TICKETS SOLD

I-PAD TICKET Only 200 will be Sold

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

I-PAD DRAWING AT 2:00PM

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.

VE TESTING TIME 10:00am & Noon

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