



The W.A.C.O.M. Ham



Washington Amateur Communications

Inside:

- Sports Show..... 2
- At the January Meeting. 3
- Frequencies 4
- Items of Interest 6
- Minutes 7
- SKYWARN Class 9
- NASA's Nanosatellite. 10
- Special Event 11
- Dues are DUE! 12
- Member Info Form 13
- W1AW Schedule 14
- WACOM 100 15
- Hamfests 16
- ARES Registration. 16

Presidents Message February 2011

CQ CQ CQ DX

Yes that's what event the club is up to for the winter of 2011. It is great to see so many club members taking part in the WACOM 100. As I talk to different club presidents around the area they are excited about this contest and many have joined in on the HF bands for this local contest. We as a club should also be excited about the new and old members working the contest and helping each other and having fun along the way. I want to thank Bill NY9H for the great idea and putting the contest together.

Also on February 3rd, our big special event station kicks off at Washington Crown Center. Please stop by and help with the event. This is one of the ways we can show the general public that Amateur Radio is a great hobby and fun for all. We will be offering a Technician Class again following this event to help the public get licensed. We will be operating under the special event call sign W3C again this year.

Stay tuned! It is going to be a very busy and fun 2011 for WACOM.
73

Bud, N3TIR



Please welcome Bill Hill W3WH to our February 3RD 2011 general meeting.

Bill will field questions about your amateur radio station and how to protect you from a loss due to weather or theft or just about anything that can occur to your station that may cost you funds on repairs or replacing your stations equipment.



HRIA has sponsored the Free coffee at all of the WACOM Hamfest for years. I have had the pleasure of being a friend of Bill W3WH since I was first licensed and he brings a lot of experience to the meeting . Bill has been involved in organizing several DX expeditions and enjoys operating CW.

So bring your questions about insurance or Dx expeditions with you and enjoy the evening.

The next General Membership meeting will be held
ON THURSDAY, FEBRUARY 3, 2011, at 7:30 p.m.
in **ROOM 103 OF THE WASHINGTON COUNTY BUILDING.**

2011 Sportsman's Show 2011

Thursday February 3rd ~ Sunday February 6th

Washington Crown Center

~~Setup~~

Thurs. Feb.3rd 10:30 A.M.

NEXT TO GNC STORE

REAR OF MALL BETWEEN BONTON AND MOVIE THEATERS

Freq for event setup communications 145.49 repeater

Simplex Freq. 147.525

For info on helping at the event

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

~~Operating Times~~

Thursday & Friday Feb. 3rd & 4th **2PM-8PM**

Saturday Feb. 5th **11am-8pm**

Sunday Feb. 6th **11am- 3pm**

Special Event Call W3C

Primary Freq. 14.250, 7.225





▲ ▼ Jim, KC3HW's, son brought this radio back from Russia. Radio there is on cable and content is controlled by the government.



Allen Pitts, W1AGP. Media & PR Manager ARRL - the national association for Amateur Radio

**From the IARU Electronic Newsletter, January, 2011 :Where do our Frequencies come from?
The ITU - International Telecommunication Union**

If you were to ask most amateur radio operators what entity is responsible for granting privileges to use portions of the radio spectrum for amateur radio purposes the answer would likely be their own national telecommunication authority. However, that's only partially true. The ultimate authority for the use of the radio spectrum is the International Telecommunication Union (ITU). It is desirable that each amateur radio operator understand what the ITU is and why its work and decisions are important.

Most countries are Member States of the ITU and by way of treaty generally agree to be bound by the decisions of the ITU when it comes to the usage of the radio spectrum. Each country can decide that a certain use determined by the ITU may not apply in their own jurisdiction. It is not common for countries to do that but it is within their sovereign authority to do so.

The International Telecommunications Union is a United Nations agency that deals with information and communications technology issues. They have an extensive web site at www.itu.int that details much of their work. The ITU is based in Geneva, Switzerland and includes in its membership 192 Member States and more than 700 Sector Members and Associates.

ITU has coordinated the shared global use of the radio spectrum, promoted international cooperation in assigning satellite orbits, worked to improve telecommunication infrastructure in the developing world, established the worldwide standards that foster seamless interconnection of a vast range of communications systems and addressed other global concerns, such as mitigating climate change and strengthening cyber security.

The top staff official of the ITU is its Secretary-General, Dr. Hamadoun Toure who is also a licensed radio amateur with the call sign HB9EHT. There are three sectors in the ITU: Radio-communication (ITU-R), Development (ITU-D) and Standardization (ITU-T). The IARU is a Sector Member in both the ITU-R Sector and the ITU-D Sector. The IARU fully participates in both of those sectors by attending any and all meetings that involve issues that may impact the amateur or the amateur-satellite services. The Secretary-General, the Deputy Secretary-General and the Directors of the three ITU Sectors are elected to four-year terms by the Member States at Plenipotentiary Conferences held every four years. The IARU is a recognized international telecommunication organization and is invited to participate as an observer at the Plenipotentiary Conferences. The most recent "Plenipot" was held in October, 2011 in Guadalajara, Mexico.

The ITU Council was established in 1947 under the name Administrative Council, following a decision taken by the 1947 Plenipotentiary Conference in Atlantic City, New Jersey, United States. The Council comprises a maximum of 25% of the total number of Member States, which are elected by the Conference with due regard to the need for equitable distribution of Council seats among the five world regions (Americas, Western Europe, Eastern Europe, Africa, Asia, and Australasia). The current Council is comprised of 48 members.

The role of Council is to consider, in the interval between Plenipotentiary Conferences, broad telecommunication policy issues to ensure that the Union's activities, policies and strategies fully respond to today's dynamic, rapidly changing telecommunications environment. It also prepares a report on the policy and strategic planning of the ITU. In addition, Council is responsible for ensuring the smooth day-to-day running of the Union, coordinating work programs, approving budgets and controlling finances and expenditures. Finally, Council also takes all steps to facilitate the implementation of the provisions of the *ITU Constitution*, the *ITU Convention*, the Administrative Regulations (International Telecommunications Regulations and Radio Regulations), the decisions of Plenipotentiary Conferences and, where appropriate, the decisions of other conferences and meetings of the Union. The IARU has attended several ITU Council meetings in the recent past.

The ITU-R Sector is very important for radiocommunication services, including the amateur and amateur-satellite services. Every 4 or 5 years the ITU holds a World Radiocommunication Conference (WRC) to revise the international Radio Regulations. It is the job of WRC to review, and, if necessary, revise the [Radio Regulations](#), the international treaty governing the use —*Continued on Page 5*

Frequencies.... *Continued from Page 4*

of the radio-frequency spectrum and the geostationary-satellite and non-geostationary-satellite orbits. Revisions are made on the basis of an agenda determined by the [ITU Council](#), which takes into account recommendations made by previous world radiocommunication conferences. The general scope of the agenda of world radiocommunication conferences is established four to six years in advance, with the final agenda set by the ITU Council two years before the conference, with the concurrence of a majority of Member States. The next WRC is scheduled for 23 January to 17 February 2012, just one year away.

Under the terms of the [ITU Constitution](#), a WRC can:

1. revise the Radio Regulations and any associated Frequency assignment and allotment Plans;
2. address any radiocommunication matter of worldwide character;
3. instruct the [Radio Regulations Board](#) and the [Radiocommunication Bureau](#), and review their activities;
4. determine [Questions](#) for study by the [Radiocommunication Assembly](#) and its [Study Groups](#) in preparation for future Radiocommunication Conferences.

There is a lengthy preparatory process for every WRC in which the IARU participates as a Sector Member. There are usually countless meetings dealing with each agenda item that has been determined to be on the agenda for a WRC. Many of those agenda items can, and do, have a substantial impact on the amateur radio usage of portions of the radio spectrum. It is important for the IARU to participate to "protect our frequencies" and when the opportunity presents itself, to expand our spectrum.

ITU-R Study Groups and Working Parties address each agenda item on the WRC agenda and try to arrive at a consensus and recommendation(s) how the agenda item may be addressed or dealt with at the WRC. Studies are conducted many times to determine how a proposed new usage may impact the other services, or not. Each of these agenda items are thoroughly discussed for at least a couple of years leading up to the WRC. You can imagine how important it is for the worldwide amateur community that IARU participate in the entire study group/working party process.

ITU-D is where much of the ITU's work on disaster response takes place. The development arm of the ITU considers emergency telecommunications an integral part of its projects integrating telecommunications/information and communication technology in disaster predication, detection, and alerting. Emergency Telecommunications play a critical role in the immediate aftermath of disasters by ensuring timely flow of vital information which is much needed by government agencies, and other humanitarian actors that are involved in rescue operations and providing medical assistance to the injured. IARU's task in the ITU-D Sector is to ensure that amateur radio's role in disaster communications is understood and appreciated by the ITU members. The ITU-D Sector also conducts a worldwide conference. The current schedule calls for a World Telecommunication Development Conference every 4 years. In 2010, the WTDC was held in Hyderabad, India in late May and early June. IARU participated in the conference.

The ITU also sponsors regional and global exhibitions called TELECOMS. An ITU Telecom offers a global ICT community platform that gathers stakeholders from across the telecommunications/ICT sector to connect, collaborate and create the future ICT landscape. Forums or seminars related to ICT are conducted at the Telecoms and IARU has participated in such forums, usually on topics related to emergency communications.

In one of the ITU buildings, there is a permanent amateur radio station, 4U1ITU. 4U1ITU is the club station of the International Amateur Radio Club.

In an upcoming IARU E-Letter, I will describe the organization of IARU and how it works within the ITU and the regional telecommunication organizations like CEPT, CITELE and APT to ensure amateur radio's continued place in the radio spectrum landscape.

73, Rod W6ROD

New Amateur Radio Bill Introduced in Congress

The Amateur Radio Emergency Communications Enhancement Act, which died at the end of the 111th Congress, has been reintroduced in the 112th Congress as HR 81. The sponsor is Representative Sheila Jackson Lee (D-TX-18). The new bill -- which was introduced on January 5 -- has been referred to the House Committee on Energy and Commerce.

Rep Jackson Lee first introduced the bill -- HR 2160 -- in the 111th Congress in April 2009. It gained an additional 41 co-sponsors but did not progress out of the committee of jurisdiction. A similar bill introduced in the Senate -- S 1755 -- made it all the way through that body in December 2009, but likewise was not taken up by the House.

The objective of the bill -- which is supported by the ARRL -- is for the Secretary of Homeland Security to study the uses and capabilities of Amateur Radio communications in emergencies and disaster relief and to identify and make recommendations regarding impediments to Amateur Radio communications, such as the effects of private land use regulations on residential antenna installations.

"We are hopeful that this early start will lead to success in the new Congress," commented ARRL Chief Executive Officer David Sumner, K1ZZ.

HR 81 can be found on the web in PDF format at, <http://www.gpo.gov/fdsys/pkg/BILLS-112hr81ih/pdf/BILLS-112hr81ih.pdf>.

~~ MENTOR PROGRAM COMING ~~

WACOM will start a mentor program at the time of our classes this fall.

Class times and dates TBA ~~ Bill, NY9H, will lead the program.

**DO YOU HAVE SOMETHING TO SELL OR SWAP?
SEND IN THE INFORMATION AND HAVE YOUR AD IN THE
NEWSLETTER.**

SEND INFO TO n3zel@comcast.net



NO UPDATED INFORMATION ON THE FOX HUNT :

The Fox Hunt is temporarily on hold. Further information will be sent out immediately upon receipt.



SUPPORT YOUR CLUB! Wear Club logo items from *Created by Amy*

Caps, T-shirts, Jackets and other items are available with the WACOM logo.

Get your Name and Call Sign on a Hat! Vinyl Decals, Embroidered and Vinyl Apparel as well.

Amy Cicak

Email: amy@createdbyamy.com

Web: www.createdbyamy.com

Phone: 412-795-4353 / 412-398-8833



General Meeting Minutes January 6, 2011

Present: Bud(N3TIR), Norma(N3YJJ), JohnQ(N3GHR), Ed(N3ZNI), Bill(NY9H), JoeF(WA3WMB), Sam (W3CYO), DaveD(N3IDH), Frank(KB3AAG), Loren(WA3WZR), JoeC(N3XE), Jim(KC3HW), Tom (K3PLM), David(W3TD), Ernest(KB3VHA), Sal (KB3VHV)



Bud called the meeting to order at 7:30 PM

Reports

Secretary - Ed moved to accept the minutes as they appeared in the newsletter, Bill seconded, motion approved.

Treasurer – Norma gave treasurers report, Ed moved to accept, JoeF seconded, motion approved.

Nets – Dave - 2 meter OK; Bud – 10 meter doing well; ED - YL OK, Jacque still trying to get more check-ins; Bud - Elmer OK, maybe try some digital modes this year

Repeater – Sam reported on new setup; the repeater now needs 3 to 4 seconds to light up after key up; also, if no carrier is received within a minute, repeater will return to its quiescent state. West PA Repeater Council will meet Jan 16th at the Washington County 911 center. Anyone wishing to attend the meeting is welcome.

Newly elected officers were acknowledged: Treasurer – Norma Plants; Vice President – Dave DeMotte; Director – Bill Steffey

Old Business

DX100 contest – a contest is beginning within the club to collect contacts from other countries; there will be four separate categories for experienced DXs and for new Hams; see the Web site for details; anyone interested in participating should notify Bill Steffey

Fox hunt – shooting for late March, early April

New Business

Sportsmen show at Crown Center runs Thursday thru Sunday; help needed to setup and teardown; also members to man booth during show; a particular effort will be made to recruit interested people for the next Tech class

Wash club will be conducting a 2m contest Jan 8, at 7:00 to 11:00 PM

Dues due for 2011; make sure we know if you are a member of ARRL

Bud asked members to be sure and let him know if they have any comments, ideas etc.

Bud also reminded members to support other clubs Ham Fests; WACOM will have a table at some of these Fests as well as a spot at Dayton.

Thanks to Jim for showing us his Russian radio and explaining how the Russian radio system worked – Anyone having a Show and Tell item, please let Jim know so that he can schedule you for a meeting.

Sam moved to adjourn, Dave 2nd, meeting adjourned at 8:35

SKYWARN CLASS

On April 11th, 2011 the Washington County Department of Public Safety will be hosting the United States Department of Commerce (National Oceanic and Atmospheric Administration) SKYWARN Class.

This course is designed for County and Local Emergency Coordinators, Emergency Responders, and Radio Amateur Civil Emergency Services personnel.

This course will teach students how to identify and report various weather patterns that can develop into tornados or damaging storms so that proper preparation and warning can be given.

The information given in this course will also give students the vital information to assist their community during weather emergencies.

The course will be held April 11th, 2011

2:00pm to 4:30pm

or

7:00 p.m. to 9:30 p.m.

**Washington County Emergency Operations Center
100 West Beau Street Level C
Washington, PA, 15301**

All students wishing to participate in this course may register by calling the Department of Public Safety at (724) 228-6911.

Seating is limited

Thank you, for your continued support of your local emergency services.

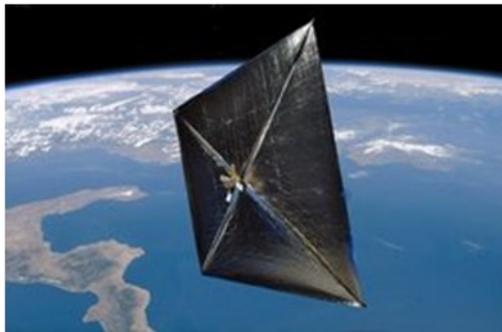
Ron Sicchitano Jr. EMT- P / FF- I / HM-O
Deputy Director
Washington County Department of Public Safety



NASA's Nanosatellite Heard by Hams

—from *The ARRL Letter of January 27, 2011*

When a NASA nanosatellite -- [NanoSail-D](#) -- ejected unexpectedly on January 17 from the Fast Affordable Scientific and Technology Satellite ([FASTSAT](#)), the agency called upon Amateur Radio operators to help track it. [NASA asked radio amateurs to listen](#) on 437.270 MHz for the signal and verify that NanoSail-D was operating. NASA received almost 470 telemetry packets from eleven countries.



An artist's conception of NanoSail-D. [Image courtesy of NASA]

The NanoSail-D beacon sent an AX.25 packet every 10 seconds; the packet contained data about the spacecraft's systems operation. Listen [here](#) for a recording of the nanosatellite's beacon, made by Hank Hamoen, PA3GUO, on January 21.

Once the NanoSail-D team received confirmation that the nanosatellite did indeed eject, NanoSail-D principal investigator Dean Alhorn quickly enlisted Alan Sieg, WB5RMG, and Stan Sims, N4PMF, to try to pick up NanoSail-D's radio beacon. Both hams work at the Marshall Space Flight Center in Huntsville, Alabama.

"The timing could not have been better," Sieg said. "NanoSail-D was going to track right over Huntsville, and the chance to be the first ones to hear and decode the signal was irresistible." Right before 2300 UTC on January 17, they heard a faint signal. As the spacecraft soared overhead, the signal grew stronger and the operators were able to decode the first packet: NanoSail-D was alive and well. "You could have scraped Dean off the ceiling. He was bouncing around like a new father," Sieg recalled.

According to NASA, the nanosatellite was last heard at 1354 UTC on January 21. Telemetry indicates that the sail deployed on schedule and the satellite is now believed to be out of power, which NASA said was to be expected. NASA is now asking for visual tracking and sighting reports of NanoSail-D, which is about 650 km above the Earth. According to the agency, when the nanosatellite's sail reflects off the Sun, it could be up to 10 times as bright as the planet Venus -- especially later in the mission when the sail descends to lower orbits. You can track NanoSail-D on the [web](#) or on your [smart phone](#). NASA estimates that NanoSail-D will remain in low Earth orbit (LEO) between 70 and 120 days, depending on atmospheric conditions.

YL-OM CONTEST — Where are the licensed YLs around here?

Feb. 11, 1400Z—Feb. 13, 0200Z 10m—160m ~~ Phone/CW/Digital

Exchange: Call Sign; RST; serial; state/province/DXCC entity

YLs contact OMs and OMs contact YLs

For more info go to www.ylrl.org



"N6R" Special Events Station: President Ronald Reagan's 100th Birthday

Two amateur radio clubs in California are planning special event stations in honor of the 100th birthday of former **President Ronald Reagan** on February 6th.

The **Ventura County Amateur Radio Society** will operate **N6R** from Thousand Oaks, California, from 1600 UTC on Sunday, Feb. 6, through 0200 UTC Monday, Feb. 7, and intermittently at other times on Saturday (2/5) and Monday.

Tentative frequencies (+/- QRM): CW: 3545, 7045, 14045, 21045, 28045 kHz;
SSB: 3820, 7260, 14255, 21320, 28490 kHz, plus local repeaters and FM simplex.

More details at <www.qrz.com/db/n6r>.

E-mail scheduled requests fo <n6rn6r@aol.com>.

QSL with SASE (no eQSL or LoTW) to Peter Heins, N6ZE.

The **Santa Barbara Amateur Radio Club** will operate **W6R** at various times and from various locations on Friday, Feb. 4 through Monday, Feb. 7.

Main operation will be on 2/5 from 0300-2100 UTC.

In addition, a rover operation from the Reagan ranch is scheduled on Feb. 7.

For updates and QSL information, see <www.sbarc.org/w6r.html>.

ARISSat-1 Blasts Off

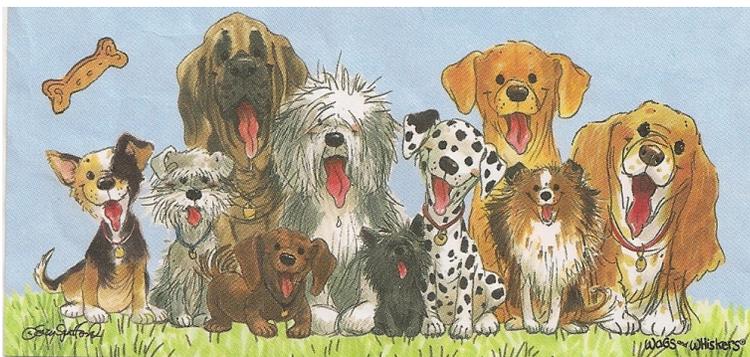
At 0132 UTC January 28, a Soyuz-U rocket lifted off from the Baikonur Space Center in Kazakhstan carrying the Russian Progress M-09M cargo vehicle to orbit for a rendezvous with the International Space Station (ISS).

In addition to delivering fuel, oxygen, food and other supplies, the Progress contains the new AMSAT ARISSat-1 Amateur Radio satellite. Progress is scheduled to dock with the space station on January 30 at 0240 UTC.

ARISSat-1 will be manually jettisoned from the ISS during a spacewalk on February 16. The satellite features a new software defined transponder that will provide simultaneous 2-meter FM, CW, BPSK transmissions, as well as a Mode U/V (70 cm uplink, 2 meter downlink) transponder.

More information is available at the AMSAT-NA website at <http://www.amsat.org/amsat-new/index.php>, and in the February 2011 issue of QST magazine.

Happens all the time, newsletter editors hit feast or famine— and are scrabbling for news. Be warned— if news doesn't continue to come in we will be printing photos and stories of dogs—and cats— who join us in our hobby. So keep the news coming! Thank you.... and thanks from the Editor's dog who hates cameras!





WASHINGTON AMATEUR COMMUNICATIONS

Bud Plants, President, N3TIR
236 Chambers Ridge Road, West Alexander, PA 15376



January 10, 2011

Dear WACOM Member:

It's that time of the year again, and we are kicking off our 2011 membership renewal drive. We are also in the process of updating our files and would like our members and returning members to complete and return the following membership form. This form can be filled in and e-mailed to n3yji@arrl.net or mailed to the above address.

If you are renewing your membership, please complete and return the form, with your payment, (made out to: Wacom) and mail to Norma Plants 236 Chambers Ridge Road, West Alexander, PA 15376.

Our membership includes many operators dedicated to public service and the advancement of the hobby. Your membership offers a number of benefits. Members can participate in the club through the web site, www.wacomarc.org, and receive newsletters via e-mail. If email is unavailable we will use U.S.Mail. Our club sponsors events like Field Day, Hamfest, Sportsman Show, Picnic and Christmas Party. Your paid membership entitles you to the use of any WACOM equipment that is necessary for you to try different facets of our hobby.

Our general meetings are held on the first Thursday of every month at the Washington County Building, Room 103 at 7:30 p.m. These meetings now contain a variety of useful information with special guest speakers and demonstrations by club members. Any problems or questions you may have about Amateur Radio can be addressed by fellow members.

Of course the easier way to pay your dues, and the way that we would love to have happen, is to attend our next general meeting. We look forward to re-connecting with past members and renewing friendships.

73

N3TIR Bud Plants



WASHINGTON AMATEUR COMMUNICATIONS



Bud Plants, President, N3TIR
236 Chambers Ridge Road, West Alexander, PA 15376

2011

MEMBER INFORMATION AND DUES RENEWAL FORM

Name: Amateur Call:

Address:

Home Phone: Other Phone:

E-Mail: License Class:

Spouse: Spouse Call:

Spouse's 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?

Would you like to belong to the:
Wash. Co. E.O.C. call tree alert system? Y N

Are you an ARRL Member? Y N

E-mail completed form to: N3YJJ@arrl.net or:
Mail dues (and form) to: WACOM c/o Norma Plants
236 Chambers Ridge Road,
W.Alexander, PA 15376

Dues: Individual \$20 per year, Additional Family Members \$10 (Max.\$30)

W1AW 2011 Winter Operating Schedule

ZCZC AG02
 QST de W1AW
 ARRL Bulletin 2 ARLB002
 From ARRL Headquarters
 Newington CT January 3, 2011
 To all radio amateurs

SB QST ARL ARLB002
 ARLB002 W1AW 2011 Winter Operating Schedule



Morning Schedule:

Time	Mode	Days
-----	----	-----
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

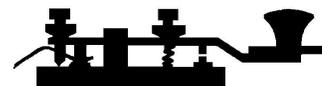
Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST) 1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100	UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100	" "	CWs	Tue, Thu
2200	" (5 PM EST)	CWb	Daily
2300	" (6 PM EST)	DIGITAL	Daily
0000	" (7 PM EST)	CWs	Mon, Wed, Fri
0000	" "	CWf	Tue, Thu
0100	" (8 PM EST)	CWb	Daily
0200	" (9 PM EST)	DIGITAL	Daily
0245	" (9:45 PM EST)	VOICE	Daily
0300	" (10 PM EST)	CWf	Mon, Wed, Fri
0300	" "	CWs	Tue, Thu
0400	" (11 PM EST)	CWb	Daily



Frequencies (MHz)

 CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
 DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Continued on Page 15

Continued from Page 14

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 103 in the January 2011 issue of QST or on the web at, <http://www.arrrl.org/w1aw-operating-schedule> .

WACOM 100 EVENT

Categories

- A. HAM licensed 5 years or less reaching 100 countries first
- B. HAM licensed 5 years or less with the most countries
- C. OT (more than 5 years) reaching 100 countries first
- D. OT (more than 5 years) with the most countries

<u>Callsign</u>	<u>Category</u>	<u>Number of Contacts</u>
WA3WZR	OT	47
WA3WMB	OT	19
N3TIR	OT	47
NY9H	OT	39
N3ZNI	OT	19

Preliminary reports from those participating in the WACOM 100.

Keep sending the scores in and they will be in the newsletter each month.

Send your reports in to Bill NY9H to be listed on the website any time.

ny9h@arrrl.net

HAMFESTS

- *** FEBRUARY ***
- 27: Hamfest-W.A.S.H. 2011 Hamfest Castle Shannon VFD-3600 Library Road (Ste Route 88) Castle Shannon, Pa-Talkin: 146.955/443.650 Mhz Repeater More Info: (Phone 412 884 1466) (email:n3sbf@comcast.net) <http://www.n3sh.org-direct> email: washarc@yahoo.com
- *** MARCH ***
- *** APRIL ***
- 3: Hamfest-Two Rivers ARC Hamfest-The Spectrum-Boston, Pa
More Info: TBA
- *** MAY ***
- 20: Dayton Hamvention-Dayton, OH
More Info: <http://www.hamvention.org>
- *** JUNE ***
- 5: Hamfest-Breezeshooters Hamfest-Butler Farm Show Grounds-Butler, PA
More Info: <http://www.breezeshooters.net>



ARES REGISTRATION

WPA SM John Rodgers, N3MSE reminded us that the ARES Field organization is renewed every two years coinciding with the section manager elections.

I am pleased to announce that ARES Registration should be made much easier with the introduction of an on line application system. We will be working with ARRL HQ using new software to compile a current roster in a spreadsheet format. WPA Section was selected to trial and assist in defining enhancements to a system intended to make ARES more efficient. This represents a great step in our efforts to better communicate with each other at all levels, community, county, district and section. The roster offers the advantage of attracting new hams to ARES through the ARRL website and a very streamlined application process and maintaining current ARES member listings for use in callouts, announcements and many others.

The application form is found a <http://www.arrl.org/ARES-REGISTRATION-FORM>

It is in the open part of the ARRL site and anyone can access it including non ARRL members. Should you forget the URL just go to www.ARRL.ORG and enter ARES REGISTRATION FORM in the search window. A link will also be added to the www.wpaares.org website. Note applicants without a computer can still fill out the paper form and you or someone you designate can enter the information directly to your roster, check approve and forward it on to me. for them. Initially, all applications will be compiled for the section at ARRL and sent to me for forwarding to DECs and ECs for approval by a simple Y or N with the spreadsheet returned to me. You keep a copy for your ready reference and updating.



WASHfest 2011

The South Hills Hamfest — Now in our **SIXTEENTH** big year!

Sponsored by the WIRELESS ASSOCIATION OF SOUTH HILLS AMATEUR RADIO CLUB, INC.

Sunday, February 27th, 2011

8:00 AM until 3:00 PM Rain or Shine (or Snow!)

Castle Shannon VFD Memorial Hall

3600 Library Road (State Route 88), Castle Shannon, PA

Talk-In on 146.955(-) and 443.650(+) 131.8 PL



(800) 545-8881

DXCC Card Checking Available!

Thanks to WPa Card Checker Art Lund NQ3A

ARRL Atlantic Division Director Bill Edgar N3LLR
ARRL WPa Section Manager John Rodgers N3MSE

*FREE Coffee for the entire Hamfest
courtesy of HAM RADIO INSURANCE ASSOCIATES
of Canonsburg, PA*

Admission Still Only \$5!

MAIN PRIZES — You've Got to play to WIN!

- 1st Prize: Ameritron AL-811H 800W HF Amplifier
2nd Prize: ICOM IC-92AD D-Star Dual Band HT
3rd Prize: MFJ-269-PRO HF/VHF/UHF Antenna Analyzer

Additional Hourly Door Prizes! Special Black Box Prize (Separate Drawing)!

Main Prize tickets are \$2.00 each, 3 for \$5.00, 7 for \$10, 15 for \$20

All Prizes Subject to last-minute changes

For Table Reservations, or More Information, Please Contact:

Carol Danko KB3GMN at (412) 884-1466 n3sbf@comcast.net

E-mail us directly at washarc@yahoo.com Check out our website too! www.n3sh.org

Breakfast & Lunch
provided by
JACK'S CATERING
of Peters Township

Please Note: Early Table Reservations must be paid in full on or before January 31st, 2011. Reservations received after February 1st, 2011 must include payment in full. Reserve now... we have sold out in advance two years running!

Hamfest Table Reservation Form—Please PRINT LEGIBLY ALL INFORMATION

Name: _____ Email: _____

Address: _____ Phone: () _____ - _____

City: _____ State: _____ Zip: _____

Call Sign: _____

Tables WITH Electricity: _____ X \$15.00 = _____

Tables WITHOUT Electricity: _____ X \$10.00 = _____

Please make all checks payable to:
WIRELESS ASSOCIATION OF SOUTH HILLS
PLEASE MAIL RESERVATION TO:
WASHFEST 2011
c/o CAROL DANKO KB3GMN
4246 Seton Drive
Pittsburgh, PA 15227-1244

We reserve the right to resell any tables not occupied by 8 AM, unless prior arrangements have been made!



Young Ladies' Radio League

ARRL AFFILIATED



YLS AND XYLS!!!

There is an organization for you. It's called the Young Ladies Radio League

Come join other Lady Hams and enjoy the fellowship.

See all we have to offer at

www.qsl.net/yldr/index.html or contact Jacque,

N3ZEL at n3zel@comcast.net



Quarter Century Wireless Association Inc.

Have you been a radio amateur for 25 years or more?

Were you originally licensed 25 years ago or more, even if not continually?

Well then please join us at the Quarter Century Wireless Association, Chapter 6 quarterly luncheon at Rocky II's. Located on PA Rt. # 51, just north of McKees Rocks, in Stowe Twp. at the Fleming Park bridge. Join our members who are like you, the foundation of amateur radio.

There is much we can learn from them and from each other. And it's fun too.

No reservation necessary.

Contact Jacque, N3ZEL at n3zel@fyi.net for information