

OCTOBER 2009 | ISSUE 10

► CLUB OFFICER
INFORMATION AND TABLE OF
CONTENTS ARE ON **PAGE 2**

**NEXT MEETING: TUESDAY, OCTOBER
20 @ THE CLUBHOUSE. MEETING
STARTS AT 8:00PM. FOOD &
SOCIALIZING FUN STARTS
IMMEDIATELY AFTER THE MEETING
CONCLUDES. CU THERE!**



[<www.w3kwh.com>](http://www.w3kwh.com)

► FOR THE SEPTEMBER
BUSINESS MEETING MINUTES,
TURN TO **PAGE 4**

► SEE WHAT'S GOING ON IN
THE MONTHS OF OCTOBER
AND NOVEMBER: **PAGE 21**
FOR OCTOBER, **PAGE 22** FOR
NOVEMBER.

KiloWatt Harmonics

THE OFFICIAL (AND ONLY) NEWSLETTER OF THE
STEEL CITY AMATEUR RADIO CLUB

The Prez Sez.....

Well it is almost time for the Great Pumpkin to rise up out the pumpkin patch and give all the good hams new radio toys for Halloween. Dream on, Linus!

While I am fantasizing about new rigs, toys and all that goes with them I am reminded just how much we invest in this radio stuff for our enjoyment. Some invest lots, some little. Interest in Ham radio starts with curiosity, leads to learning, fellowship, participation, sometimes careers and most important, *public service*. That is why we are here.

The fellowship and career portions are just the icing on the cake. The cake portion is a mix made from learning and participation; from the simplest things like installing a PL-259 or BNC, proper operating procedures, message and traffic handling and preparedness. And, everything that is in between.

Before the G-20 Event a call for volunteers came out from Lee N3SAF to help man a last minute, quickly thrown together 3rd string radio backup to EMSI. This EMSI acronym stands for Emergency Medical Services Institute. For the G-20 Event they were the "Command Dispatch" for medical services for a very large area.

(CONTINUED ON PAGE 15)

**Call for
SCARC Officer
nominations for
calendar year
2010**

Are you interested in running (or re-running) for one of the Officer positions for the club? Nominations are now open for all Officer positions. So, if you wanna run for one of these openings, you can ring Art, WA3BKD on: 724-356-7381, and he'll add you to the list. You can also send him a letter to his callbook/QRZ address. The elections will be held at the regular business meeting in November.

Lots of things are being planned in the coming year, so come on out and participate in this important election. **Come participate, PERIOD!** Remember, you have no business complaining about the club if you don't take the time to vote! Mark it in your calendar so you don't forget: **November 17, 8:00PM** at the clubhouse. CU there! (BTW: Officer positions available for nomination are on **page 2.**)



**Don't forget
about the
WPA SET Test
October 31!!**

Club & Officer Info/Table Of Contents

Officers of The Steel City Amateur Radio Club:

(ALL POSITIONS OPEN
FOR NOMINATION
EXCEPT FOR 'LICENSE
TRUSTEE')

**President: Robert
Lenfestey, WB3HDI
(412)-276-5106
<WB3HDI@w3kwh.com>**

**VP: Michael Sapp,
WA3TTS
(412) 364-2740**

**Treasurer: Walt Adkins,
KA3YNO
(412) 276-0825**

**Recording Secretary:
Joe Mielnicki, WA3FWA
(412) 922-6340**

**Corresponding
Secretary:
Sue Rakiec, KA3JKS
(412) 243-3061**

**License Trustee:
Karl Pastorak, WA3VXJ
(412) 429-8055**

INSIDE THIS ISSUE: (CLICK ON AN ARTICLE TO READ IT)

In The World Of DX.....Pg 3
**Sept. Business Meeting
Minutes...Pg 4**
ARRL WPA News....Pg 5
**Website/Software Of The
Month....Pg 6**
**G-20 Summit Report From
N3SAF.....Pg 7**
**CQ Magazine Announces 75th
Anniversary Award.....Pg 7**
What's In A Name?.....Pg 8
**SCARC's ARRL VHF QSO Party
Report.....Pg 9**
**A (very) Short History Of
America's First Wireless Maritime
Station.....Pg 10**
**QCWA Chapter 6
Goings-On.....Pg 11**
**FT5GA Glorioso Island
Wrap-Up.....Pg 14**
**NBEMS Comes To
SCARC.....Pg 16**
NBEMS Rap-Sheet.....Pg 17
**A Simple-But-Effective Repeater
Upgrade.....Pg 18**
National News Shorts....Pg 19
October Calendar...Pg 21
November Calendar...Pg 22
WACOM HamfestPg 23

KiloWatt Harmonics

**October 2009
©2009, The Steel City
Amateur Radio Club**

Edited by Greg Babin, NB3C

**'KiloWatt Harmonics' is
published monthly for the
members of the Steel City
Amateur Radio Club.**

**All contributions are
welcome at:
<KQ3DX@hotmail.com>**

**Reprints/quotes permitted
provided credit is given to
original author and the Steel
City Amateur Radio Club.**

**SCARC is a not-for-profit
organization as defined
under IRS Rules & Regula-
tions section 501 (C) (3)**

**The Steel City Amateur Radio
Club is an ARRL-Affiliated
organization.**

The Steel City Amateur Radio Club (412) 787-0777
2M Repeater: 147.030/147.630MHz (PL 123.0)
70cm Repeater: 444.450/449.450MHz (PL 103.5)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW) 1/2 w ERP
ATV Repeater: 426.250MHz (Currently off-line.)
1296MHz Beacon: 1296.269MHz (CW) 1W

**AND I COULDN'T HAVE PRODUCED
THIS NEWSLETTER WITHOUT THE
HELP OF THESE FINE PEOPLE:
WB3HDI, WA3FWA, W3SVJ, N3SAF,
N3MSE, KB3NZX, WB3CRC, WA3TTS,
W3YJ, ARRL. THANKS ALL, FOR
YOUR EFFORTS. 73 DE NB3C ET AL!**

In The World Of DX.....

From various issues of The ARRL DX Bulletin. Thanks, ARRL for permission to reprint here.

⇒ **MALAWI, 7Q.** Harry, G0JMU is QRV as 7Q7HB for about three months. He is active mainly using CW and digital modes. QSL direct via G0IAS.

⇒ **TONGA, A3.** Effective immediately, 60 meters is allowed on a secondary restricted basis using the same band plan and power limitations as authorized by the Federal Communications Commission for the U.S.

⇒ **REPUBLIC OF KOREA, HL.** Mike, KE7WRJ is QRV as HL9QST for about two months. He is active on 40 to 10 meters using CW and SSB. QSL to home call.

⇒ **DODECANESE, SV5.** Mort, G2JL is QRV as SV5/home call from Lipsi Island, IOTA EU-001, for the next three months. Activity is on all bands and modes, propagation permitting. QSL to home call

⇒ **CAMEROON, TJ.** Lionel, F5PSA is QRV as TJ3SL. Activity is on 20 to 10 meters using SSB in his spare time. QSL to home call.

⇒ **MAYOTTE, FH.** Willi, DJ7RJ will be QRV as TO7RJ from September 22 to October 25. The last three days of his activity he will be QRV as FH/DJ7RJ. Activity will be on 160 to 10 meters, and possibly 6 meters, using CW and SSB. QSL to home call.

⇒ **UNITED NATIONS HQ, 4U64UN.** UN Headquarters station 4U64UN is active until mid November in celebration of the 64th annual UN

general Assembly. Activity is on all band and modes. QSL via HB9BOU.

⇒ **CHANGE OF ADDRESS FOR KP2 QSL BUREAU.** Please note the following update regarding the ARRL US Virgin Islands Incoming QSL Bureau:

Virgin Islands QSL Bureau
P.O. Box 25782
Christiansted, St. Croix
U.S. Virgin Islands 00824

Comments or questions on this bureau's operation may be directed to: Ann Keegan, KP2YL at <kp2yl@arrl.net>

⇒ **ETHIOPIA, ET.** Jim, WU0I is staying in Addis Ababa and should soon be QRV as ET3JD in October. Activity will be on 40 to 15 meters using CW, SSB and PSK31. QSL direct to ET3JD.

⇒ **OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Chesterfield Island, TX3A, 2009 operation; Afghanistan, T6AB, 2008 and 2009 operations; Afghanistan, T6AF, current operation.

⇒ **SENEGAL, 6W.** Martin, OK1FZM and Lenka, OK1WZM will be QRV as home calls/6W from October 3 to 15. Activity is holiday style on all HF bands. QSL to home calls.

⇒ **MALAWI, 7Q.** Ely, IN3VZE is QRV as 7Q7CE from the south shore of Lake Malawi until October 20. Activity is holiday style on all bands using SSB and RTTY. QSL to home call.

⇒ **MOZAMBIQUE, C9.** Marco, IK1RAE will be QRV as C91VM from October 5 to 23. Activity will be on 40 to 10 meters using SSB. He plans to be active from some of the offshore islands. QSL direct to home call.

⇒ **SOUTH COOK ISLANDS, E5.** Bill, N7OU will be QRV as E51NOU from

Rarotonga, IOTA OC-013, from October 5 to 30. Activity will be on 80 to 10 meters using only CW. QSL to home call.

⇒ **NETHERLANDS, PA.** Special event station PD55EA is QRV until October 28 in celebration of the 55th anniversary of the Museum Ellert and Brammert in Schoonoord. Activity is on 40, 20 and 10 meters using SSB and digital modes. QSL direct via PD7BZ.

⇒ **SOUTH GEORGIA ISLANDS.** Lars, MM0DWF is QRV as VP8DIF from Husvik on South Georgia, IOTA AN-007, until mid November. Activity is on the HF bands using CW, SSB and RTTY in his spare time. QSL via DJ9ZB.

⇒ **CAMBODIA, XU.** Pete, NO2R is QRV as XU7ACY for at least a year. He is active on 40 meters using CW and will soon be active on 160 and 80 meters as well. This includes being entries in both upcoming CQ WW contests. QSL via W2EN.

⇒ **INDONESIA, YB.** Hotang, YC0IEM will be QRV as YC0IEM/8 from Ambon Island, IOTA OC-070, from October 4 to 23. QSL via IZ8CCW.

⇒ **ZIMBABWE, Z2.** Mikhail, RW3AJX is here on work assignment for two to three years. He is licensed as Z23MS and is active on 80 to 10 meters using SSB. He may be active using PSK as well. QSL via UA3DX.

(MORE DX NEWS ON PAGE 20)

Business Meeting Minutes: Sept. 2009

The meeting was conducted by President WB3HDI, Bob at 8 PM. The Pledge of Allegiance was recited and was followed by a Moment of Silence for our Silent Keys. The Roll Call revealed 17 members and 4 guests. The minutes of the August meeting was accepted as published in the newsletter. The Treasurer's report was given by AK3J, Stew in the absence of Treasurer KA3YNO, Walt and was accepted by the membership. The report included that final payment to the Attorney for his service in dealing with the cell tower lease.

Committee Reports:

Clubhouse WA3VXJ, Karl cleaned for the meeting and Bob WB3HDI cut more encroaching growth along the club road. The invasion of the bees has been eliminated and there is no sign of the reported visit by field mice.

Technical WA3TTS, Mike reported that the Johnson Thunderbolt Amp is fixed and ran well in the recent VHF contest. The SB-220 Amp is still a work in progress. The K9AY antenna is up and running. The tower-mounted yagi that had been restricted by a tree growing up through it has been freed but an element needs to be repaired as well its connecting cables and possibly its rotator.

Contest Mike said that 6 ops worked the VHF contest for 250 QSO's. There is a 10 GHz contest this weekend. In October there are the PA QSO Party, CQWW SSB and the Boy Scout Jamboree.

Membership WA3BKD, Art gave the 1st reading for prospective member KB3TEI, Dustin and the 3rd reading for K3JHT, John who was voted into the club by the membership. Welcome John.

Newsletter Editor NB3C, Greg is always looking for articles to put into the newsletter. He will include an officer's nominations item for the election of the 2010 term. There was talk about getting a numbers count as to how many hits our web site is getting on the Internet.

Public Service KA3MSE, Lloyd will have a speaker to give a NBEMS presentation at 8 PM on Wed. Oct. 7. The Great Race will occur on the Sunday (9/25) after the G-20 Summit. W3WTW, Tim ran the communications for the Ikea-Montour Trail ½ Marathon/5K run and walk.

Ways and Means WA3FWA, Joe will run the 50/50 raffle and collect any outgoing QSL cards for the ARRL bureau after the meeting.

PC/Web Site W3WTW Tim said that the site is all-OK and the web cam is working. He has replaced an older e-machine PC which was functioning only occasionally. The members voted to reimburse him for his expense. Tim and Mike purchased the lightning suppressors which have been installed on the network station PC's.

Volunteer Exams The last exam session was scheduled for 9/14/09.

Old Business Mike thanked newcomer Dustin for helping to work the VHF contest. Mike described a rare UHF opening, which he operated on Aug. 25 and a tour of the KDKA transmitter site. N3EQP, John wants us to email him any book titles that we wish to have in the library. Bob reported that N3SAF Lee had purchased and installed a new locking fuel tank filler cap to replace the one that was broken when the tank was last filled. W3WTW, Stew said that the lease with AT&T Singular has been signed which will be good for 25 years.

New Business Art wants to form a committee to determine what improvements can be made to the clubhouse. A long-term plan to make better operating and equipment repair facilities would employ professional help when needed. Included would be relocating and replacing antennas and storage facilities as well as clearing out unused and replacing broken items. Bob is doing an inventory of all club equipment. EQP John will take photos of all equipment and will make a sign indicating the club's location for the fire and emergency vehicles.

Motion to Adjourn by WA3BKD, Art
50/50 raffle won by WA3BKD, Art.
Minutes submitted by Recording Secretary WA3FWA, Joe

**Our next business meeting will be held
on October 20 at 8PM.
CU @ the Clubhouse!!**

ARRL WPA Section News

THE ARRL WPA SECTION:

SECTION MANAGER:

John V. Rodgers, N3MSE
803 S Main St.. Butler, PA
16001-6326 724-287-0424
<n3mse@arrl.org>

ASSISTANT SECTION MANAGER ASM DIGITAL COMMUNICATIONS:

Anthony F Petrucci, KE3ED
473 Park St. Rochester, PA.
15074-1859 (724) 774-4173
<ke3ed@arrl.net>

CHIEF ASSISTANT SECTION MANAGER: Bruce E Watson,

AA3LX

4347 Highland Ave. Butler, PA.
16001-2959 (724) 482-2756,
(412) 482-2756 <aa3lx@aol.com>

ASM MEDIA LIASON:

Tony Zona, WB3KGT
2485 Dorn Rd. Waterford, PA.
16441-4013 <wb3kgt@arrl.net>

AFFILIATED CLUB COORDINATOR:

Keith "Pete" Highlands, N3RLJ
212 N 1st St. Jeannette, PA.
15644-1827 (724) 523-6232
<n3rlj@arrl.net>

OFFICIAL OBSERVER COORDINATOR:

R Ralph Ofchinick Jr, W3ZPI
9 Brooklane Dr. Harrison City, PA.
15636-1515 (724) 744-7180
<w3zpi@arrl.net>

SECTION EMERGENCY COORDI- NATOR: John S Szwarc, N3SPW

PO Box 207, Kylertown, PA
16847-0207 (814) 255-7600 444,
(814) 345-6727
<n3spw@philipsburg-ara.org>

SECTION TRAFFIC MANAGER

Christin J Albert, N3YTD
150 Wahl Rd. Harmony, PA.
16037-7704 (724) 452-0583
<cja@fyi.net>

The hamfest season is quickly coming to a close. This weekend on September 13 the Butler County ARA will sponsor a swap fest at the Unionville Fire Hall north of Butler on Route 8. If you would like additional information on the event go to <<http://www.w3udx.org/Activities.htm>> for more details. The final sanctioned hamfest for WPA will be held on November 1 in Washington County. This hamfest sponsored by WACOM will wrap up the season for hamfests. If you would like additional information on this hamfest check out <<http://www.wacomarc.org/hamfest.html>> this is always a well organized and exciting event. Please stop at the ARRL table at either of these events and say hello.

The month of October is always a busy one for events. While the Simulated Emergency Test is usually scheduled for October 3 throughout much of the country, in Western Pennsylvania because of some special activities we have scheduled our test for October 31. Your local emergency coordinator has information on the basic details of the SET and will be sharing with ARES team members in the near future. John Szwarc, <n3spw@arrl.net> will be managing the SET this year and has provided details to the emergency coordinators of the proposed scenario. John is in need of volunteers to fill the following positions in the ARES platform: North 1 District DEC, Cameron County EC, Clinton County EC, Somerset County EC and Butler County EC. Individuals interested in any of these positions should contact John at <n3spw@arrl.net>.

I recently received two letters of resignation from both Ray and Chrissie Albert. Due to personal and medical reasons they have decided to step down from their positions as Butler County EC and Section Traffic Manager. I will personally miss their expertise and help and wish them both the very best of everything in their future endeavors. This creates an opening for a Section Traffic Manager to continue the efforts of the National Traffic system here in WPA. If anyone is interested in this position I would greatly appreciate hearing from you. This is an important position necessary to keep the traffic platform running in our section. Also any individual interested in serving as the Public Information Coordinator for the section should also contact me about the availability of that position. I can be reached at <n3mse@arrl.org>.

October has several important operating events that I personally look forward to each year. On October 10-11 is the 2009 PA. QSO Party sponsored by the Nittany Amateur Radio Club. Detailed information about this event can be found at <<http://www.nittany-arc.net/paqso.html>> I encourage you to participate in the exciting and fun operating event. On October 17-18 is the Scouting Jamboree on the air. This annual event to encourage scouts to operate and contact other scouts is a great opportunity to encourage new people to join the hobby. Detailed information is available at <<http://www.arrl.org/scouts/jota/>> As previously mentioned the Simulated Emergency Test for Western Pennsylvania will be conducted on October 31. Contact your local emergency coordinator for details on the activities for your county. Every county should be participating in this year's test to demonstrate our abilities should the need arise.

Clubs or other groups sponsoring special activities they would like to have mentioned in the monthly email should forward me the information prior to the 7th of the month for inclusion in that month's article.

(CONTINUED ON PAGE 10 AS 'WPA NEWS')

Website Of The Month

A (semi) frequent feature where I try to highlight sites I hope you readers and members will find useful & interesting. **YE OLDE EDITOR'S DISCLAIMER:** I have no interest, either pecuniary or monetary in the websites listed herein. I'm just lookin' fer ways to keep you interested and comin' back fer more! 73 de NB3C.

This month's pick: the KB4YZ SSTV site.

[<www.kiva.net/~djones/>](http://www.kiva.net/~djones/)

If you're interested in the SSTV digital modes, then check out this site. There are all kinds of links available for software and info pertaining to this mode. Not only that, but it has links available for multi-mode software downloads too. You can download the latest versions of 'MixW', and 'MultiPSK', in addition to many others.

A nice archive is available too, with articles on what SSTV is, the history of it, how to set up your station & hardware, along with a nice selection of pictures that others have sent and received. It also has links to the new digital SSTV mode, with software such as 'DigTRX', 'EasyPAL', and 'HamPAL' available to download.

A lot of these programs are freebies too! (You know how I like to promote free stuff here!) I don't exactly know how many programs are represented here, or how many links are here, but I can say with confidence, that there are HUNDREDS of links here pertaining to SSTV and the digital modes. This is a very nice all-in-one site for going digital, so be sure and bookmark it for future use.

Eee-Bah-Dee, Eee-Bah-Dee that's all folks! Thanks for reading along! 73 de NB3C.

S
C
A
R
C
R
O
S
T
E
R

AA3TK	KB3GMN	N3GHO	WA3BKD
AE3B	KB3LED	N3SAF	WA3FWA
AE3JM	KB3LY	N3SBF	WA3PYU
AI3J	KB3MDN	N3UUZ	WA3RVD
AK3J	KB3NZX	N3VEF	WA3SYB
DC3RJ	KB3ORO	NB3C	WA3TTS
DL4ZAA	KB3PJW	NU3Q	WA3VXJ
K0BUD	KB3PNE	NU3S	WA3YCU
K3GJS	KB3RUK	W3BC	WA8NLX
K3LAB	KB3SVF	W3HH	WB3AGB
K3RYA	KD3GM	W3JQJ	WB3CRC
KA3JKS	KD7HR	W3MAC	WB3HDI
KA3LIW	LX1UN	W3MHY	WQ3T
KA3MSE	N3DQ	W3SVJ	
KA3MXQ	N3DXE	W3UUH	
KA3YNO	N3EQP	W3WTW	
KB3BZR	N3GHI	W6LAC	

Software Of The Month

A (semi) frequent feature where I try to highlight radio-related software that I hope you will find handy to use in your shack. **YE OLDE EDITOR'S DISCLAIMER:** I have no interest, either pecuniary or monetary in the software featured here. All I'm tryin' to do here is to make your time behind the mic more enjoyable, and give you yet another reason to get out of bed in the morn'. Thanks for reading along! 73 de NB3C.

My pick this time around: Win-Test v4.

[<www.win-test.com>](http://www.win-test.com)

Contesting software has come a long way since the introduction of K1EA's 'CT', and K8CC's 'NA' software, both of which are DOS-based. A LONG way. Although they are still popular and available FREE on the web, I recently started playing with Win-Test. This is a really intense program, loaded with all kinds of features. Just about every contest is supported, so you shouldn't have any problems using it during the big DX contest weekends.

Just a small part of the window on your screen is dedicated to the actual logging process. The rest is devoted to displaying all the other info you need to be competitive in today's contesting world. All kinds of stats are available at your fingertips, such as QSO rate per hour, points total, what prefixes were worked on which band, which zones were worked on which band, and many more that even I am not familiar with.

You can also set the program up to operate your rig; most of the popular rigs are supported. Accessing the DX Cluster is also possible; if you have the program set up for controlling your radio, it'll display all the DX on the band you're currently operating on in an easy-to-read vertical band-map.

Another nice feature is the 'check partial result' function. Here, if you are having trouble picking out the call, you might be able to see it displayed here. In yet another window inside the program is a map of the world, complete with the day-night terminator that automatically scrolls across, showing you the grayline for best DXing results. Plug in your coordinates, and you can even have beam headings displayed to a particular DX station to help point your antennas.

You gotta pay for this one though, but they do offer a free 2 week trial version. I've played with 'CT' & 'NA' in past contests, and while they are fine programs, this
(CONTINUED ON PAGE 9)

Report on the G-20 Summit de N3SAF.....

N3SAF here...We had provided the coverage that was asked for in case of a big disaster. If the telephones or the electricity would have a large outage, we would be put into service as needed to pass traffic, just like "HAMS" do in an emergency..I was asked to participate as a "ham" a couple of days after the club meeting. That is why it was a surprise to the members, as nothing was planned before. I called our president and VP; they did a great job for the little time period we had. We were asked not to let anybody know where "WE" were to be at, naturally, and what "WE" were doing. No protesters and no terrorist activity would be needed there. The volunteers were **BOB=WB3HDI**, **DAVE= WQ3T**, **W3SVJ=NATE**, and **me N3SAF=LEE**. We covered the time periods asked for by the EMSI group; about 50 hours involved for us manning the location and my coordination and planning. They covered all the medical as needed for the G20. They are not just for that though; they are the training center for the medical people that you see on the road in case there is an accident, putting the medical people to a crash site, fire, or whatever is needed for an EMT or paramedic to save a life, including G20. This was an amazing set-up to be involved with.... Breakfast of donuts and all those goodies were there for us; throughout the day there were snacks to keep us going. The setup consisted of 3 large projectors on the wall with unimaginable updates, pictures of traffic flow, all the major TV channels, whatever you want that Comcast and some computers can provide. If you ever watch NCIS on TV, it is something like that. I was previously involved with installation of 4 2way base radios that are in the complex for normal monitoring. For extras, they have many-many more handheld and portable units available for their part in the world of medical assistance. Along with that, there were a couple of scanners there also, and a large flat screen broken into smaller pictures of the major stations of TV too, which they can transfer to the projectors for a larger view with sound. This is just in the one room! There are many more rooms that have access also. It is a pleasure and an honor to be involved with this large of an operation. Thank you to those involved in doing their part to accomplish what they asked for. It makes me proud what SCARC can do for the world! 73, N3SAF, Lee

(BTW: 65 law enforcement agencies...193 arrests...6 officers treated by some of our dozens of mobile medical locations. Problems consisted of dehydration, dislocated shoulder, lacerated finger.....NONE transported to the three Trauma centers in Pittsburgh. There were times that every ambulance in the city sat idle, said a Pittsburgh official.)

Did'ja ever wonder where Ye Olde Editor gets the contest info for the monthly calendars at the back of each newsletter issue?? The 2 best places I've found are the WA7BNM Contest Calendar page: www.hornucopia.com/contestcal/contestcal.html & the SM3CER Contest Service page: www.sk3bg.se/contest. These are nice sites where you can find out what contest is on during any given weekend. Sometimes, there are so many contests in a particular weekend, that I just don't have the room to put it in the calendar! So, make sure you bookmark these 2 sites; they'll usually have more contests listed than I have room for here in our little publication.

CQ Mag Announces 75th Anniversary WAZ Award

(Hicksville, NY – September 18, 2009) – The November, 1934, issue of R/9 magazine announced a new operating award for radio amateurs, designed to encourage the growing popularity of contacting stations across the globe, what we know today as DXing. The award was called Worked All Zones and was to be granted for making confirmed contacts with hams in each of the 40 zones into which the world had been divided by R/9's

editors. Today, 75 years later, R/9 has been succeeded by CQ magazine and WAZ - Worked All Zones - sponsored by CQ since 1945, continues to be one of amateur radio's most prestigious operating awards.

In celebration of the WAZ's 75th anniversary, CQ magazine is announcing a limited-term "Diamond Jubilee WAZ" award. A special certificate will be issued to amateurs who make contacts in all 40 CQ Zones of the World between November 1, 2009 and December 31, 2010. Certificates will be numbered but there will be no endorsements. Confirmations will not be required. However, it is expected that applicants will continue to uphold amateur radio's long-standing tradition of
(CONTINUED ON PAGE 10 AS 'WAZ AWARD')

What's in a name.....?

In addition to our own little slice of heaven did you ever wonder just how many other clubs answer to the name 'SCARC'? Here's a sampling:

SCARC: St. Clair Amateur Radio Club, Fairview Heights, IL.
<www.scarc.net>

SCARC: Stanly County Amateur Radio Club, Stanfield, NC.
<www.k4ogb.org>

SCARC: Shelby County Amateur Radio Club, Birmingham, AL.
<w4shl.com>

SCARC: Sussex County Amateur Radio Club, Newton, NJ.
<www.scarcnj.com>

SCARC: Story County Amateur Radio Club, Ames, IA.
<www.w0yl.com>

SCARC: Somerset County Amateur Radio Club, Somerset PA.
<www.k3smt.org>

SCARC: Stanwood Camano Amateur Radio Club, Stanwood, WA
<www.scarcwa.org>

SCARC: St. Cloud Amateur Radio Club, St. Cloud, MN.
<www.w0sv.org>

SCARC: St. Charles Amateur Radio Club, St. Charles, MO.
<www.wb0hsi.org>

SCARC: South Coast Amateur Radio Club, Adelaide, Australia
<www.scarc.org.au>

SCARC: Santa Clarita Amateur Radio Club, Santa Clarita CA.
<www.w6jw.org>

SCARC: Sunshine Coast Amateur Radio Club, Sunshine Coast, Queensland, Australia
<vk4wis.org>

SCARC: Sun City Amateur Radio Club, El Paso, TX
<k5wph.org>

SCARC: Stark County Amateur Radio Club, Stark County, IN.
<www.w9joz.org>

SCARC: Ski County Amateur Radio Club, Glenwood Springs, CO.
<www.k0rv.org>

SCARC: Southern Crescent Amateur Radio Club, McDonough, GA.
<www.southerncrescentradio.org>

SCARC: Sheboygan County Amateur Radio Club, Sheboygan, WI.
<groups.yahoo.com/group/shebham>

SCARC: Summit County Amateur Radio Club, Wanship, UT.

SCARC: Simpson County Amateur Radio Club, Magee MS.
<www.webspawner.com/users/scarc>

SCARC: Saline County Amateur Radio Club, Saline County, AR.

SCARC: Swarthmore College Amateur Radio Club, Swarthmore, PA.
<www.sccs.swarthmore.edu/users/03/miyasaka/W3AJ/>

(Don't even get me started on clubs that answer to the name 'SCARF'!!)

Don't forget to set them there clocks **BACK** 1 hour on All Hallows' Eve (aka Halloween), October 31 before going to bed! Otherwise, when you wake up on Sunday, you'll be 1 hour ahead of the game! Why get up early if you don't have to?? (The preceding was a public service announcement courtesy of Ye Olde Editor.....)

Report on the ARRL Sept. VHF QSO Party

Many thanks to all those who came out and helped us make a successful showing in the ARRL September VHF QSO Party:

KB3TEI (Dustin)
W3WTW
K3LAB
KR8Q
W3SVJ
WA3TTS
WA3VXJ

and a midnite cameo appearance by **WB3HDI**

A short summary for those not attending.....

We worked W9ZIH on 222~432~1296 around 10~11pm Saturday in EN51 near Chicago and some other stations in EN52 and EN53 (Wisconsin) on 1444~222~432. On Saturday afternoon the lower bands opened south, worked K4LY EM85 in SC, W4NH in EM85 (GA), AA4ZZ in EM96 (NC or TN) through 432. Also worked AA4ZZ on 903, I believe.

Got K1TEO in FN31 on 144~222~432, K4QI in FM06 in NC 50~1296 and W4BO 50~432 in FM06. Last ten minutes of the test caught VE3ZV for 222~1296 in FN03, same guy from my (WA3TTS) 10GHz video.

The Thunderbolt is back to life, cruising along at 600W peak with 2.5~3 watts of drive. I replaced the 3B28 tubes with solid state plug-in HV diodes. I pushed it to a KW a few times but the 10db attenuator is not designed for 50W input. The tubes seem fine.

Now if I can resolve that SB220 amp issue on 6 meters. I'm going to do the tank circuit and relay modifications from April 2008 QST. The diode and metering board were replaced and we are close to resolving the problem of extracting RF power from tubes--but still down about 3~4db in amplifier gain. The frame relay used for RF switching may be part of the problem.

Thanks to everyone who helped out. Everyone who attended seemed to be enjoying themselves....that is what it's all about. 73, Mike, WA3TTS

Software Of The Month.....(con't)

one runs rings around them. So many features are available with this program, it is truly the only program you'll need running during a big contest (Other than a good propagation program like 'VOAProp', described previously).

The trial version will work for 2 weeks. The only limitations with it are: It randomly quits between 30 mins & 2 hours after startup, and the output files you would submit after the contest is over (Cabrillo, ADIF and such) are not generated. Everything else works though. If you should decide to purchase it after the contest is over, you'll then be able to convert for files for upload to the contest committee.

Price of the program is 50 Euros, which converts to 73.70USD as of 17 September, the day I'm writing this. A little steep, but I have to admit you get your money's worth with this one. So far, I've used it on Win XP, and Win Vista with no problems. **I HAVE HAD SOME PROBLEMS ON WINDOWS 7 64-BIT RELEASE-CANDIDATE VERSION.** (That's the last test version available before it is sent out for production.) It will not run on Win 7 64 bit; I don't know if it'll play OK on the 32 bit version (I've only been playing with the 64-bit version). If you're interested in checking it out, follow the link at the top of [page 6](#). You'll be able to download the trial here and purchase it if you wish. I've enclosed screenshots of the program running on my shack computer; you can see those on [page 13](#).

That's it this time around. If you're looking for a nice contest logging program, check this one out; it's really impressive and functional, and once you get the hang of setting it up, easy to use. Thanks for reading along! 73 de NB3C!

WPA News (con't)

As always I encourage you to join traffic net and help deliver messages to individuals in your community and throughout the country as we continue to keep this activity running strong. The section net is on 3983KHz every evening at approximately 6 pm adjusted slightly for propagation. Currently it starts at 6:15 PM local time. Join the nets and lets all get Radio Active.

73,
John V. Rodgers, N3MSE
WPA Section Manager (MORE WPA NEWS ON PG 14)

Did you know that our 'sister' SCARC club, The Somerset County ARC celebrated their 50th anniversary this past September? That's a loooooong time to be around in this day & age! Congratulations from all of us here at SCARC 'West' to yinz guys & gals at SCARC 'East'!

A (very) Short History Of America's First Wireless Maritime Station

In these pictures to the right, is the building that housed America's first wireless telegraph station to communicate with ships at sea, located on Nantucket Island, off the coast of Massachusetts, more specifically, Siasconset, along with a commemorative plaque. These are pictures as actually seen today, courtesy of Joe, WA3FWA and his daughter (his daughter vacationed there earlier this year). It first entered service on August 12, 1901.

Quite a bit of history behind this station, in addition to what you can read on the plaque. Did you know that David Sarnoff, founder and Chief Executive of RCA got his start here as a radio operator? Not only that, but this was the first station to receive the distress calls of the Titanic on the night of April 12, 1912. And, on December 10, 1905, this station received the very first American distress call, from the Nantucket Lightship #58 which had sprung a bad leak. I'm outta room! For more info check out this link: www.nha.org/history/hn/HN-fall90-wireless.htm. 73 de WA3FWA & NB3C

WAZ Award (con't)

honesty and self-regulation. Standard WAZ application fees will apply.

Complete details on the Diamond Jubilee WAZ Award will be in the October 2009 issue of CQ, and are posted on the CQ website, www.cq-amateur-radio.com, with a link from the October issue highlights page.

WAZ is the second-oldest amateur radio operating award still offered today. The only current award that is older is the International Amateur Radio Union's Worked All Continents award. The ARRL's DX Century Club (DXCC) award was introduced in 1936. To date, more than 8,600 basic WAZ awards have been issued. More information on the WAZ award program is available on the CQ website at www.cq-amateur-radio.com/awards.html.



QCWA Chapter 6 Goings-On.....

Q C W A Meeting of 6/13

The local chapter of the Quarter Century Wireless Association held their quarterly meetings on June 13th and September 19th of this year. One of the special highlights at the June meeting, was the 75 year award to George Kitazawa NS3O who obtained his license in 1934. That is 75 years ago and the year this reporter was born.

George is 93 years old this year, born in 1916 and grew up in California. He said he got his license two years before the FCC was born and had to apply for his license through a special department of the government at that time. The plaque was awarded to George by Ed Yoder W3WMB who is the treasurer of our local QCWA chapter.



George resides in the Monroeville area and drives to the meetings at Rocky's Restaurant in McKees Rocks each time a quarterly meeting is held. He gave a talk on some of the experiences that he encountered of obtaining and using his ham gear throughout the years. At that time there wasn't many licensed hams and making contacts wasn't always easy as it is now.

Dale Luepke WB3CRC

(CONTINUED ON NEXT PAGE)



QCWA Chapter 6 Goings-On.....(con't)

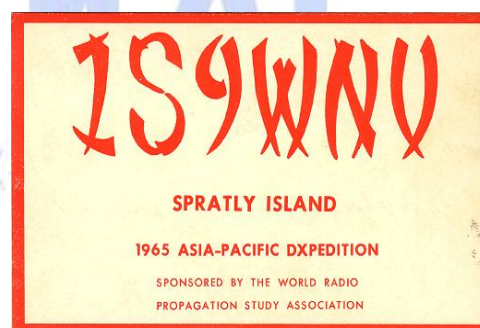
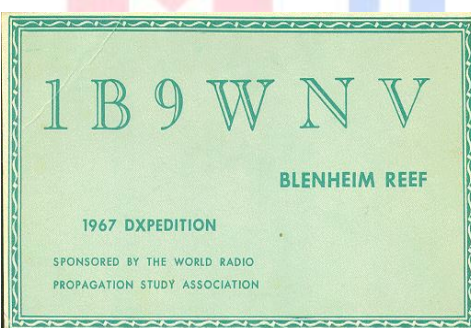
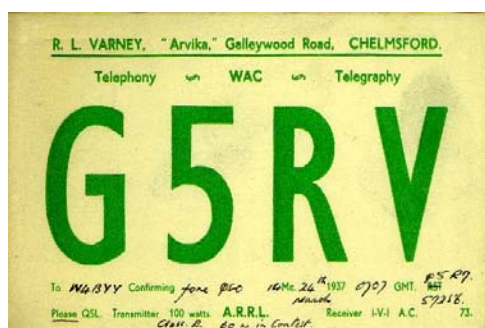
Q C W A Meeting Of 9/19

On September 19th at our Quarterly meeting, Art Kunst K3WM gave a talk on his experience of growing up in the early days of ham radio and using and experimenting with different radios and trying different things he read about in books at the local public library. He was surprised when his son and grandson, who are licensed hams also, popped in to celebrate Don's son and Art's grandson, Garrison's birthday. Art's wife Sylbia who is licensed also, was there. Talk about All In The Family, huh?



Art said that Don didn't seem interested for some time when he was younger and then all of a sudden took on the interest and started studying for his test. Garrison took on the interest very young, probably from watching his father study for the exam. It was good to meet them all and listen to the stories of their growing up with ham radio.

Dale Luepke WB3CRC



Software Of The Month.....(con't)

The screenshot displays the Win-Test V.4 software interface, a contest logging program. The main window shows a list of callsigns and their corresponding scores. Other windows provide detailed statistics, solar activity, and a world map.

Check partial result

[UNIQUE]	DL2GG/YV5	YV5AAX	YV5AJ
YV5AMH	YV5ANF	YV5DTJ	YV5EAH
YV5EU	YV5GMJ	YV5IAL	YV5JBI
YV5JF	YV5JGO	YV5KAJ	YV5KG
YV5KGN	YV5KXE	YV5LIX	YV5MM
YV5NGU	YV5NUM	YV5NWG	YV5OHW
YV5OIE	YV5RED	YV5YMA	

Summary

BAND	QSO	CQ	DXC	DUP	POINTS	AVG
160	0	0	0	0	0	0.00
80	0	0	0	0	0	0.00
40	0	0	0	0	0	0.00
20	7	2	3	0	6	0.86
15	0	0	0	0	0	0.00
10	0	0	0	0	0	0.00
TOTAL	7	2	3	0	6	0.86

Check c...

[1/6]	SSB
160	
80	
40	
20	✓
15	
10	

Rate

All bands - All modes
Last hour: 7 Q/h
10 last QSO: 0 Q/h
100 last QSO: 0 Q/h
Since 1900z: 7 QSO
- 15 last minutes -

Min: 0 Q/h Max: 28 Q/h
Moving graph computed on 15 mins
Continental distribution

EU NA SA AF AS OC
Elapsed time since the last QSO: 1 Mn 51 Sec

Time On: 2 Mn
Time Off: 0 Mn

Last band changes:
Radio 1: -
Radio 2: -

All bands - All modes
Time by mult: 8 Sec
1 QSO counts: 4 Pts
1 mult counts: 6 Pts
1 mult worth: 1.5 QSO
SSB TEMPO=100%

Solar activity [WWV]

SSN
SFI

Status

STATION	BAND	TYPE	QSY	FREQ	RADIO 1	RADIO 2
STN1	20	SSB	R	14340.0	(14200.0)	-----

Dx-Cluster announcements

Please enter your call:
Hello Greg (NB3C)
Welcome to the YCCC K1TTT AR-Cluster Node in Peru Ma.
Available in Way-WMA on 145.690 or via telnet to k1ttt.net
For more info see http://www.k1ttt.net or email k1ttt@arrl.net
WWV: SFI=72 A=2 K=0 No Storms -> No Storms 10/2/2009 18:00
Your last login was 10/2/2009 16:04:31
TIP: SH/FITU... = SH/ITU with spots formatted in the real-time
21 nodes, 84 local / 84 total users Uptime 20 06:16
NB3C de K1TTT 02-Oct 1948Z arc >
NB3C de K1TTT 02-Oct 1948Z arc >
DX de KE4WBO: 28203.4 PY2WFG/B 338c f2f2 Ipiranga, Brazil
DX de JA9CHJ-7: 14015.0 4U64UN qrz ja up1
DX de W4CZU: 14022.8 3D20CR QSY'D HR UP 2
DX de XE1R: 21295.0 TL0A GREAT SIGNAL

QSO

QSO	Bd	Time	Callsign	Sent	Rcvd	Mult	Pts	Stn
1	20	19:49	W3KWH	59	59 05	CZ	0	R
2	20	19:49	4U1ITU	59	59 14	CZ	3	R
3	20	19:49	F6FNU	59	59 14	C	3	R
4	20	19:49	KA3UPY	59	59 05		0	R
5	20	19:49	W3WH	59	59 05		0	R
6	20	19:49	N3UUZ	59	59 05		0	R
7	20	19:50	N3SBF	59	59 05		0	R
8	20		YV5	59	59		0	R

* DX 21295.0 TL0A (New country) *

Map

This here is a screen-shot of Win-Test V.4 running on my shack computer. As you can see, there is a myriad of info available at your fingertips. In the lower left of the screen is where you do the actual logging. See line #8 with the partial call 'YV5' entered? If you look at the top left you'll see the partial call box with all of the 'YV5' calls the program recognizes. The purpose here is to help you pull the call out of the pileup during a contest. Notice the DXCluster running in the black box above the logging screen. To the right of that is the announcement window where you can see announcements being made on the Cluster. That world map you see with the day-night terminator will scroll thru in real-time. Even more windows can be displayed than is seen here, and they can all be positioned anywhere inside the main window to suit your tastes. Current sunspot/solar activity info can also be displayed, as is seen here above and to the right of the DXCluster window. You can also set the program up to control your rig. More stats than you'll probably ever need are displayed in other windows, like in the upper right and center upper part of the screen. Like I said earlier, it's a little on the pricey side, but it is quite an impressive and intense contest logging program. Worth a look if you are looking to upgrade from the K1EA CT or K8CC NA DOS-based logging programs (or for that matter any other logging program). Thanks for reading along!! 73 de NB3C.

More ARRL WPA Section News.....(con't)

Recently I received an email from Section Emergency coordinator, John Szwarc, that he will be stepping down to spend more time with his family. I want to thank John for his hard work and dedication in bringing the ARES program back together here in the section. With this new opening as well as that of Section Traffic Manager I am asking for individuals to step forward to volunteer for the several positions of leadership roles that we currently have vacant. In addition to the position of Section Emergency Coordinator and Section Traffic Manager we also have openings for: North 1 District DEC, Cameron County EC, Clinton County EC and Somerset County EC. There is also a need for a Public Information Coordinator for the section. With over a thousand members in the section I am hoping a few individuals will step forward to fill these vacancies so that we do not have to cut back on activities in these areas. If interested please contact me at n3mse@arrl.org.

A few weeks ago ARRL HQ issued a document about the proper use of Amateur Radio with regard to use by individuals on behalf of their employers. FCC counsel Laura Smith recently explained proper operating guidelines under Part 97.113. A recent thread on the internet and on QRZ.com has stated that an FCC media person says this is incorrect. I caution everyone to abide by Laura's explanation and not get themselves in violation. I am sure this is being investigated by the proper authorities to see if a change to the rules is necessary.

On November 1, 2009 the Washington Amateur Communications (WACOM) group will be sponsoring a hamfest at the Washington Fairgrounds in Washington, PA. Additional information is available on their website at <http://www.wacomarc.org/hamfest.html>. I am hopeful that I will get to work many of you during this year's PA. QSO Party this weekend Oct. 10 and 11. This is a great opportunity to have fun in an operating event as well as to see how propagation in the section can be used during an emergency operation.

The Simulated Emergency Test for Western Pennsylvania will be conducted on October 31. Contact your local emergency coordinator for details on the activities for your county. Every county should be participating in this year's test to demonstrate our abilities should the need arise. As always I encourage you to join traffic net and help deliver messages to individuals in your community and throughout the country as we continue to keep the keep this activity running strong. The section net is on 3983KHz every evening at approximately 6 PM local time. Join the nets and lets all get Radio Active.

73

John V. Rodgers, N3MSE
W. Pa. Section Manager

FT5GA Glorioso Islands Wrap-Up

FT5GA has shut down the transmissions after 23 days of non stop traffic. Some little problems appeared but it wast the most time because of the remote location of the Islands, and the Islands status regarding the Sovereignty upon them and the French laws and administrative rules.

I do want to thank all of you, for the heavy and hard work you did, to make the traffic from our friends on Glorioso as easy as possible. Of course some are disappointed, other are frustrated; We heard also, you and I, idiots, but with 50,000 QSO's counted, I think, decently, that, instead of the conditions, we have reached our goal. These islands never in the past, were put on the air as they have been in September/October 2009. I thank for this operation the back office team composed of the pilots, throughout the world, Rafik, F5CQ, our Webmaster, who received an impressive number of mails and who kept the course. So was also Maurice, F5NQL who did read and treat a huge number of messages.

We would thank particularly, the Provins F6KOP ARC, Thierry F4TTR and Frank F4AJQ who never posed any question and provided us an inestimable help. Thanks to the French Army which hosted, carried and helped the crew.

These five years were very thrilling, to give to a lot of you, this 4th most wanted country, even if it was not always easy to win this challenge. We had to negotiate with a lot of Authorities to, finally, be able to propose this activity. This expedition was very instructive. The world ham community got into the habit to see DXpeditions very expansive, with 25 operators and more and tons of gear carried to the camps. It was not possible on Gloriosos, and we

(CONTINUED ON PAGE 19)

The Prez Sez.....(con't)

EMSI has moved to a location quite close to our club which would be a good thing should we forge a relationship with them as far as radio communications go. This was an interesting experience to see. LOTS of information feeds coming into one room and a handful of people monitoring, digesting and acting upon this info as needed was not unlike the support we have given to past events around this area. I am not sure how much I can divulge about what they do, and did, since I did not secure permission to do so. I did, however, get permission to snap a few pictures of the place to share with the membership. I would like to thank Dave WQ3T, Nat W3SVJ for volunteering some time and effort to help out and Lee N3SAF for getting us together and up to speed on what we were allowed to do and what was expected of us.

As part of this quickly thrown together, just in case, 3rd string backup to a portion of "Official" communications for the G-20 event I reflected upon emergency communications as I sat in the corner of a room that is the new home to EMSI. The possibility of having to handle emergency traffic made me a bit nervous until I did a mental "DOH" and mental slap upside the head. It all came back to me. The PARTICIPATION with other radio ops during Pittsburgh Marathons at the net control trailer in past years reminded me of what I had learned. With a smile to myself I realized this would be 'no sweat'. At least that was the attitude I was taking.

Perhaps the Marathons, Vintage Grand Prix and SET's are not as intense as the G-20 thing, but the mechanics of communications are the same. If you have never participated in any, SET's or other public events, please do so. These are good learning experiences. I have learned that there is MORE to learn and the NBEMS demo given by Harry Bloomberg W3YJ showed just that AND the best part of it all is that we can do it for CHEAP! The mechanics have been tweaked just a bit too!

Credit for the following goes to Lloyd KA3MSE and Nat W3SVJ since I gleaned the following from their emails:

Narrow Band Emergency Messaging System (NBEMS) is a software package that allows an amateur radio operator to easily send and receive digital data though any radio using a computer's sound card to encode and decode data. NBEMS works on both VHF/UHF FM and HF and runs on Windows (XP and Vista), Mac, and Linux, and is completely FREE. During the most recent SET, NBEMS was used to send a roster of 25 evacuees, id numbers, phone numbers,

and postal addresses from a mobile amateur radio station set up in a hospital parking lot to a simulated EOC. This entire transmission was sent through a 2M repeater and took less than 2 minutes to complete. NBEMS is now the standard digital EMCOMM software for Western PA ARES.

Harry is a co-designer/developer of this practical and relatively simple method of using our existing FM gear to transmit and receive data files under extraordinary conditions.

If you are or expect to be involved with ARES, RACES or any ham radio support in unusual situations this information/demonstration would be a few hours well spent.

If you missed the demo, you missed something really neat. Look it up, read about it, learn. It is easy and simple to use. Check out some of the pictures taken by Bob KB3NZX of the Oct 7 NBEMS demo on [page 16](#).

Looking at the radio equipment at the EMSI site shows some high dollar stuff, as it should be. They have some equipment to do something similar to what NBEMS does. Only on steroids! Now with NBEMS, low buck FM rigs and the advent of these new micro laptops that can be had for cheap we can cram lots of capability into a small portable package. Goes to show we can and will be an even more effective source of emergency communications should the need arise. How prepared are you? Sometimes it doesn't take much to do a lot.

Bob KB3NZX made a suggestion after the NBEMS demo that perhaps a couple times a month we could have drills using this system. I think this is a good idea since this is new to most of us and practice using NBEMS is the only way we will stay sharp. Maybe these drills could be incorporated into the traffic nets in future?

Many thanks to the folks at EMSI for letting us "tag along" and get a glimpse at their world and operations. They are a really nice bunch!

Thank you to Harry W3YJ for his NBEMS demo at the clubhouse. We appreciate him taking the time and effort to show us how it's done!

I also want to thank all those SCARC members that participated in this demo and do hope you found it informative and interesting.

Great Pumpkin, if you are reading this, how about one of those new micro laptops?

Thanks for reading along. 73 Bob WB3HDI

NBEMS Comes To SCARC.....

NBEMS demo @ SCARC Oct 7, 2009



Harry W3YJ

by KB3NZX

Harry Bloomberg, W3YJ, one of the movers and shakers in NBEMS in our little corner of the world, graciously agreed to come to the club to give a demo of this mode, using the program I described last month, FLDigi.

=====

As you can see, the presentation garnered a lot of attention and was very well attended and received.

=====

NBEMS demo @ SCARC Oct 7, 2009



by KB3NZX

All you need for NBEMS operations!



by KB3NZX

The nice thing is, what you see in this picture is all you need to go digital and be a great asset to the local authorities in an emergency. Got a handheld and a laptop? You're ready to go!!

=====

(FOR MORE INFO ON NBEMS AND FLDIGI
TURN THE PAGE.....)

What is NBEMS?

Important resources:

WPA NBEMS:
<http://wpaNBEMS.org>

WPA NBEMS Mailing List & Archive:
<http://groups.yahoo.com/group/wpaNBEMS>

WPA Section Digital EMCOMM Standards:
[<http://www.wpaares.org/emcom.html>](http://www.wpaares.org/emcom.html)

Training Nets:

Sunday 10:00AM 3583.5KHz, Olivia 8/500 & 116/500

Monday 8:00PM 3583.5KHz Olivia 8/500 & 16/500

Sunday 8:00PM W3YJ Repeater 443.45 PL 100 — Echolink W3YJ/R, Node 177325

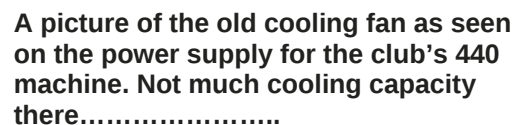
To Do List:

- 1: Sign up for the WPA NBEMS mailing list. You need not be from WPA to join.
- 2: Download NBEMS for your operating system from W1HKJ's website.
- 3: Obtain installation documentation from the WPA NBEMS website.
- 4: Check in to as many WPA NBEMS Nets as possible
- 5: Get on the air and make lots of QSOs with FLDigi! Practice, practice, practice!!



Ready to go
at a
moment's
notice:
Portable
field radio
equipment
as seen at
the County
EMSI Center.
(Emergency
Medical
Services
Institute)
<<<<<<<<<<

Old worn out fan on 440 repeater power supply

[illegible]

by KB3NZX

Fan assembly installed on heatsink
on 440 power supply



**VOILA!! 300% more cooling capacity
has recently been added!**

[illegible]

by KB3NZX

Many thanks to Scott, KB3SVV for donating the fans to the club! Also thanks goes to KB3NZX for the pics here and for the NBEMS article.

FT5GA Wrap-Up.....(con't)

know also, that numerous "hams" don't give a damn, about the difficulties we came up against. Without your help, the crew on Gloriosos and I, would never be able to make this expedition possible. If Gloriosos 2009, as I expect, is acknowledged by the International Ham Community, your action would have been for a big part in. We have, all together, founded an International very dynamic team, with hams responsible, clever and reliable.

Now a lot of work has to be done. With Florence, our columnist, we have to write the articles for the world, to prepare the videos and to fit the film made with the main subject on this DXpedition. Didier, F5OGL and XYL Caroline who collects the post stamps, have also days and days to work with QSLing.

One of our operators, Pascal, F5PTM, is now in Afghanistan, as T6YA. He would like to go, but he couldn't go. I'm thinking of him now.

Gloriosos is quite finished; we are working on new projects to new rare countries.

Thanks again to all of you.

73's de Didier, F5OGL - Gloriosos 2009 team leader

National/International News Shorts

⇒ Counterpart Bill to HR 2160 Introduced in Senate

On Tuesday, October 6, Senator Joe Lieberman (ID-CT), along with Senator Susan Collins (R-ME), introduced Senate Bill 1755, *The Amateur Radio Emergency Communications Enhancement Act of 2009*. Similar to HR 2160 -- also called *The Amateur Radio Emergency Communications Enhancement Act of 2009* -- that was introduced this past April by Representative Sheila Jackson-Lee (D-TX-18), the bill, if passed, would direct the Department of Homeland Security (DHS) to undertake a study on emergency communications. S 1755 points out that "There is a strong Federal interest in the effective performance of Amateur Radio Service stations, and that performance must be given -- (A) support at all levels of government; and (B) protection against unreasonable regulation and impediments to the provision of the valuable communications provided by such stations."

"We are delighted to have the sponsorship of both the Chairman and the Ranking Member of the Homeland Security and Governmental Affairs Committee, and especially to have the support of Senator Lieberman from the ARRL's home state," said ARRL Chief Executive Officer David Sumner, K1ZZ. "The bill could not have a better pedigree. "

⇒ Oldest National Amateur Radio Society Marks 100th Anniv.

In 2010, the Wireless Institute of Australia (WIA) -- the oldest national Amateur Radio society -- will celebrate its 100th anniversary. On March 11, 1910, the WIA had its beginnings when a group of wireless pioneers gathered at the Hotel Australia, Martin Place in Sydney. These early hams wanted to protect their interests and rights against what they considered to be harsh treatment by authorities -- and a high license fee. Chairman of the founding meeting, George Taylor, proposed "the formation of an institution amongst experimenters and enthusiasts in wireless for their mutual benefit." From that meeting, the Institute of Wireless Telegraphy of Australia -- later, the WIA -- was formed. Since its founding, the WIA has continued to protect and enhance the privileges of radio amateurs and to promote Amateur Radio in Australia and beyond.

⇒ Angola Operation Approved for DXCC Credit

ARRL DXCC Manager Bill Moore, NC1L, reports that the current Angola operation -- D2QMN -- has been approved for DXCC credit. "If you had cards that were recently rejected for this operation, please send an e-mail to the ARRL DXCC Desk and you will be placed on the list for update," Moore said. (COURTESY OF THE ARRL BULLETIN)

More DX News.....(con't)

- ⇒ **MALDIVES, 8Q.** Andrew, G7COD will be QRV as 8Q7AK from Embudu Island, IOTA AS-013, from October 11 to 25. Activity will be on 80 to 12 meters using CW and SSB at various times throughout the day. QSL to home call.
- ⇒ **BHUTAN, A5.** Yasuo, JA1FJJ is QRV as A52FJJ until October 20. Activity is on 80 to 10 meters using SSB, RTTY and PSK31. QSL to home call.
- ⇒ **CROZET ISLAND, FT/W.** Flo is QRV as FT5WO and has been active on 20 and 17 meters using SSB around 0900 to 1300z. He is here until the end of October. QSL via F4DYW.

- ⇒ **HUNGARY, HA.** Special event call HG0WFF is in use for the next 12 months from different Hungarian National Parks. Activity will begin with an operation from the Hortobagy National Park from October 12 to 18. QSL via HA0HW.



- ⇒ **GUINEA-BISSAU, J5.** Jose, CT1DSV plans to be QRV as J5S from October 12 to 18. Activity will be during his evening hours for one to two hours. QSL to home call.

Were you lucky enough to work 'em in the last few weeks?? If so, you can look for this reward to be in a mailbox near you soon!

~~~~~  
The QSL goes to F5OGL, good at QRZ.com  
(France, not Austral Islands)

IOTA OC-030, until October 19. Activity is on 160 to 6 meters using CW, SSB and RTTY with five to six stations active simultaneously. See the K4M website for QSL information.

- ⇒ **ANTARCTICA.** Station R1ANB from the Nirny Base club has been active on 40 meters around 1330z. QSL via RN1ON.
- ⇒ **BENIN, TY.** Operators PA8AD, PA3AN, PA3AWW and PD0CAV are QRV as TY1MS from Grand Popo until October 30. Activity is on 160 to 10 meters with three stations active simultaneously. This includes an entry in the upcoming CQ WW SSB contest. QSL via PA3AWW.
- ⇒ **INDONESIA, YB.** Hotang, YC0IEM will be QRV as YC0IEM/8 from Ambon Island, IOTA OC-070, from October 12 to 30. QSL via IZ8CCW.



- ⇒ **OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Nigeria, 5N0EME, 2009 operation; Nigeria, 5N0OCH, current operation (logs in LoTW); and Angola, D2QMN, current operation.

September 2009  
S M T W T F S  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30

# October 2009

## The Steel City ARC Monthly Contest/Event Planner

November 2009  
S M T W T F S  
1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

| Sunday                                                                                                                                                           | Monday                                                                    | Tuesday                                                                              | Wednesday                                                                                                          | Thursday                                                   | Friday                                                                    | Saturday                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                  |                                                                           |                                                                                      |                                                                                                                    | 1<br>SARL 80M QSO Party<br>WACOM Meeting<br>SkyView 2M Net | 2<br>NCCC Sprint                                                          | 3<br>Oceania DX Contest SSB<br>European Sprint SSB<br>DARC Feld-Hell 80M Test<br>CA QSO Party<br>TARA PSK Rumble<br>German Telegraphy Test             |
| 4<br>Oceania DX Contest SSB<br>ON 80M Contest CW<br>RSGB 21/28MHz Contest<br>CA QSO Party<br>WASH 2M Net                                                         | 5<br>Breezeshooters Net<br>GPVHF Society Meeting                          | 6<br>Skyview Business Meeting<br>WACOM 2M Net<br>WACOM 10M Net<br>ARS Spartan Sprint | 7<br>SCARC Social Nite<br>Alleg Co. ARES Net<br>432MHz Fall Sprint<br>WACOM YL Net                                 | 8<br>WASH Meeting<br>SkyView 2M Net                        | 9<br>DX/NA YL Anniv. Contest<br>NCCC Sprint                               | 10<br>PA QSO Party<br>DX/NA YL Anniv. Test<br>Oceania DX Test CW<br>European Sprint CW<br>FISTS Fall Sprint<br>10-10 Sprint<br>10-10 Intl Fall Test CW |
| 11<br>PA QSO Party<br>DX/NA YL Anniv. Contest<br>Oceania DX Contest CW<br>NA Sprint RTTY<br>Makrothen RTTY Test<br>(also 10/10)<br>WASH 2M Net                   | 12<br>Breezeshooters Net                                                  | 13<br>WACOM 2M Net<br>WACOM 10M Net                                                  | 14<br>SCARC Social Nite<br>NHARC Meeting<br>Alleg Co. ARES Net<br>NAQCC Straight Key/Bug<br>Sprint<br>WACOM YL Net | 15<br>SkyView 2M Net                                       | 16<br>NCCC Sprint<br>STU PERRY TOPBAND<br>CHALLENGE ON 10/17 &<br>18>>>>> | 17<br>Worked All Germany Test<br>JARTS WW RTTY Contest<br>ARCI QSO Party<br>IA & NY QSO Parties<br>Feld-Hell Sprint<br>W/VE Islands Q Party            |
| 18<br>Worked All Germany Test<br>JARTS WW RTTY Contest<br>ARCI QSO Party<br>Asia/Pacific Sprint CW<br>IL & NY QSO Parties<br>WASH 2M Net<br>W/VE Islands Q Party | 19<br>IL QSO Party<br>Run For The Bacon QRP<br>Test<br>Breezeshooters Net | 20<br>SCARC Business Meeting<br>WACOM 2M Net<br>WACOM 10M Net                        | 21<br>Alleg Co. ARES Net<br>RSGB 80M Club Sprint<br>SSB<br>WACOM YL Net                                            | 22<br>SkyView 2M Net                                       | 23<br>NCCC Sprint                                                         | 24<br>CQ WW SSB Test<br>50MHz Fall Sprint<br>10-10 Fall Test CW/Digi                                                                                   |
|                                                                                                                                                                  | ARRL School Club Roundup                                                  |                                                                                      |                                                                                                                    |                                                            |                                                                           |                                                                                                                                                        |
| 25<br>CQ WW SSB Test<br>WASH 2M Net<br>50MHz Fall Sprint<br>10-10 Fall Test CW/Digi                                                                              | 26<br>Breezeshooters Net                                                  | 27<br>WACOM 2M Net<br>WACOM 10M Net                                                  | 28<br>SCARC Social Nite<br>Alleg Co. ARES Net<br>SKCC Sprint<br>WACOM YL Net                                       | 29<br>SkyView 2M Net                                       | 30<br>NCCC Sprint                                                         | 31<br>Halloween<br>WPA SET Test<br>WASH Breakfast<br>DAYLITE SAVINGS ENDS<br>11/1! ROLL CLOCKS<br>BACK 1 HR BEORE<br>BEDTIME TONITE!                   |

Complete contests list: <[www.hornucopia.com/contestcal/contestcal.html](http://www.hornucopia.com/contestcal/contestcal.html)>  
& <[www.sk3bg.se/contest](http://www.sk3bg.se/contest)> ----- Click here for Table Of Contents

October 2009  
 S M T W T F S  
 1 2 3  
 4 5 6 7 8 9 10  
 11 12 13 14 15 16 17  
 18 19 20 21 22 23 24  
 25 26 27 28 29 30 31

# November 2009

## The Steel City ARC Monthly Contest/Event Planner

December 2009  
 S M T W T F S  
 1 2 3 4 5  
 6 7 8 9 10 11 12  
 13 14 15 16 17 18 19  
 20 21 22 23 24 25 26  
 27 28 29 30 31

| Sunday                                                                                                                                                       | Monday                                                             | Tuesday                                                                                        | Wednesday                                                                                                          | Thursday                                                                      | Friday                                           | Saturday                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1<br><i>BEGIN EASTERN<br/>STANDARD TIME<br/>WACOM HAMFEST (last<br/>one this year!)<br/>WASH 2M Net<br/>High-Speed CW Club<br/>Contest</i>                   | 2<br><i>Breezeshooters Net<br/>GPVHF Society Meeting</i>           | 3<br><i>WACOM 2M Net<br/>WACOM 10M Net<br/>ARS Spartan Sprint<br/>Skyview Business Meeting</i> | 4<br><i>SCARC Social Nite<br/>Alleg Co. ARES Net<br/>WACOM YL Net</i>                                              | 5<br><i>SkyView 2M Net<br/>NCCC Sprint<br/>WACOM Meeting</i>                  | 6<br><i>NCCC Sprint</i>                          | 7<br><i>ARRL CW Sweepstakes<br/>Ukrainian DX Contest<br/>ARRL EME Test<br/>IPARC CW Test</i>                                                                      |
| 8<br><i>WASH 2M Net<br/>ARRL CW Sweepstakes<br/>Ukrainian DX Contest<br/>ARRL EME Test<br/>IPARC SSB Test<br/>DARC 10M Digi Test</i>                         | 9<br><i>Breezeshooters Net</i>                                     | 10<br><i>WACOM 2M Net<br/>WACOM 10M Net</i>                                                    | 11<br><i>SCARC Social Nite<br/>Alleg Co. ARES Net<br/>NHARC Meeting<br/>WACOM YL Net</i>                           | 12<br><i>SkyView 2M Net<br/>WASH Meeting<br/>RSGB 80M Club Sprint<br/>SSB</i> | 13<br><i>NCCC Sprint</i>                         | 14<br><i>WAE DX RTTY Test<br/>KY QSO Party<br/>OK/OM DX CW Test<br/>CQ-WE Test<br/>JIDX Phone Test</i>                                                            |
| 15<br><i>WAE DX RTTY Test<br/>WASH 2M Net<br/>KY QSO Party<br/>OK/OM DX CW Test<br/>CQ-WE Test<br/>JIDX Phone Test</i>                                       | 16<br><i>Breezeshooters Net<br/>Run For The Bacon QRP<br/>Test</i> | 17<br><i>SCARC Business Meeting<br/>WACOM 2M Net<br/>WACOM 10M Net</i>                         | 18<br><i>Alleg Co. ARES Net<br/>WACOM YL Net</i>                                                                   | 19<br><i>SkyView 2M Net<br/>NAQCC Straight Key/Bug<br/>Sprint</i>             | 20<br><i>NCCC Sprint<br/>YO Int'l PSK31 Test</i> | 21<br><i>ARRL SSB Sweepstakes<br/>All-Austria 160M Test<br/>RSGB 160M CW Test<br/>LZ DX Contest<br/>SARL Field Day<br/>Feld-Hell Sprint<br/>RSGB 160M CW Test</i> |
| 22<br><i>WASH 2M Net<br/>ARRL SSB Sweepstakes<br/>All-Austria 160M Test<br/>RSGB 160M CW Test<br/>LZ DX Contest<br/>SARL Field Day<br/>RSGB 160M CW Test</i> | 23<br><i>Breezeshooters Net</i>                                    | 24<br><i>WACOM 2M Net<br/>WACOM 10M Net</i>                                                    | 25<br><i>SCARC Social Nite<br/>Alleg Co. ARES Net<br/>RSGB 80M Club Sprint CW<br/>SKCC Sprint<br/>WACOM YL Net</i> | 26<br><i>Thanksgiving<br/>SkyView 2M Net</i>                                  | 27<br><i>NCCC Sprint</i>                         | 28<br><i>CQ WW CW Test<br/>WASH Breakfast</i>                                                                                                                     |
| 29<br><i>CQ WW CW Test<br/>WASH 2M Net</i>                                                                                                                   | 30<br><i>Breezeshooters Net</i>                                    |                                                                                                |                                                                                                                    |                                                                               |                                                  |                                                                                                                                                                   |

Complete contests list: <[www.hornucopia.com/contestcal/contestcal.html](http://www.hornucopia.com/contestcal/contestcal.html)>  
 & <[www.sk3bg.se/contest](http://www.sk3bg.se/contest)> ----- Click here for Table Of Contents



# WACOM HAMFEST

SUNDAY, NOVEMBER 1, 2009

WASHINGTON COUNTY FAIRGROUNDS

2151 North Main St.

WASHINGTON, PA 15301

8:00 A.M –3:00 P.M—Admission \$5.00

DOUBLE THE SIZE THIS YEAR

DOORS OPEN FOR VENDORS SETUP AT 6:00 A.M

Talk in on 145.49 MHz

**MAIN PRIZES:**

1<sup>st</sup> Yaesu 897D HF-6-2-70 M

2<sup>nd</sup> Icom 208 2m/440 Mobile

3<sup>rd</sup> MFJ 269 Antenna Analyzer

**BLACK BOX PRIZE ONLY 50 TICKETS SOLD**

PRIZE'S SUBJECT TO CHANGE –MAIN DRAWING AT 2:00 P.M. NEED NOT BE PRESENT TO WIN

MAIN PRIZES PURCHASED THROUGH KJI ELECTRONICS

FREE COFFEE ALL DAY COURTESY OF HAM RADIO INSURANCE ASSOCIATES  
VE SESSION AT 10:00AM

**ADVANCE TICKET SALES—VENDOR SETUP INFO**

CONTACT BUD PLANTS, N3TIR @ [n3tir@arrl.net](mailto:n3tir@arrl.net) or 724-484-0207

PLEASE RESERVE YOUR 6Ft TABLES EARLY, \$10.00 non elect \$12.00 elect.

***BREAKFAST AND LUNCH WILL BE AVAILBLE***

**DOOR PRIZES--YL PRIZE---DX CARD CHECKER—WAS CARD CHECKER -CASINO**

**NEAR BY**

Sponsored by: Washington Amateur Communications

Send vendor payment to: WACOM% Norma Plants N3YJJ

236 Chambers Ridge

West Alexander, Pa 15376

Visit us at [WWW.WACOMARC.ORG](http://WWW.WACOMARC.ORG)

# Kilo Watt Harmonics

THE OFFICIAL (AND ONLY) NEWSLETTER OF  
THE STEEL CITY  
AMATEUR RADIO CLUB



W3KWH

Its Officer nomination time! If you are interested in running for one of the club officer positions, see pages 1 & 2 for more info. **ELECTIONS WILL BE HELD ON NOV. 17, 8PM @ THE CLUBHOUSE. BE THERE!**

**NEXT  
MEETING:  
20 OCT.  
8PM**



**BE SURE AND  
CHECK OUT OUR  
COOL WEBSITE:**

**<[www.w3kwh.com](http://www.w3kwh.com)>**



Steel City Amateur Radio Club  
P.O. Box 281  
Carnegie, Pennsylvania 15106  
Phone 412-787-0777  
Editor: Greg Babin, NB3C  
<[K03DX@hotmail.com](mailto:K03DX@hotmail.com)>

