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FOR MARCH

NEXT MEETING: FEBRUARY 15, 8PM, @
THE CLUBHOUSE, WEATHER PERMITTING.
COME FOR THE MEETING, STAY FOR THE
PREPARED-WITH-PRIDE FOOD AND
FRIENDLY SOCIALIZING AFTERWARDS.
(KEEP AN EAR OPEN TO THE REPEATER
FOR ANY UPDATES/CANCELLATIONS.)



<www.w3kwh.com>

REMEMBER: KEEP ME IN THE
LOOP ON LOCAL EVENTS.
JUST BECAUSE YOU KNOW
DOESN'T MEAN I KNOW!

Kilo Watt Harmonics

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

The Ed Sez.....

Well, that little rodent from Punxsutawney made his annual appearance a few days ago, and guess what? Spring is comin' early this year! After the intense winter we've had so far, I'm a little skeptical, but you never know. I understand he's right more often than not, so I guess time will tell.....

What does that mean for us? I guess we'll be getting to our outside honey-do lists sooner rather than later. Oh well, as long as it doesn't interfere with my DX contesting in February and March, I'm OK with that.

Speaking of which: Some of the biggest and best DX contests are comin' up. Why, just in the month of February we have: CQ 160M SSB, **CQ WW RTTY DX**, ARRL Int'l DX CW and the **Breezeshooters Ground Wave CW**. Plus, don't forget about the Wireless Association of South Hills annual soiree, WASHFest on the 27th at Castle Shannon Fire Hall. See the brochure attached at the end of the newsletter for the full poop on this detail.

As for March, we have the **ARRL Int'l DX SSB**, CQ WPX SSB, and the **Breezeshooters Ground Wave SSB**. So, if any of these contests interest you, be sure and drop our newly-appointed Contest Coordinator Bill, K3RYA a note and let him know. You know, there's always a rift between contesters and traffic/emergency guys; they think us contesters are crazy, takin' up bandwidth with exchanging nothing more than a signal report and serial number, but you know what? Contesting is a great way to hone your operating skills, so when the big one DOES come, the skills we obtained are put to good use. Those skills you have of digging the rare, weak DX will come in mighty handy during times of emergencies. So yes, you can have fun and tweak your skills at the same time.

Work continues to progress on the VHF studio. If you'd like to help, let Bob, WB3HDI or Joe, WB3AGB know. I'm sure they'll be happy to accommodate you. And now, onto the newsletter! Thanks for reading /73 de NB3C.....



SCARC CLUB DUES FOR THE CALENDAR YEAR 2011 ARE NOW DUE! YOU CAN USE THE RENEWAL FORM I'VE ENCLOSED FOR YOUR CONVENIENCE AT THE END OF THE NEWSLETTER. REMEMBER: EARLY PAYMENT ENABLES THE CLUB TO PLAN FOR FUTURE ACTIVITIES AND UPGRADES. THANKS FOR YOUR SUPPORT!

NEXT VE SESSION: MARCH 14 @ THE CLUBHOUSE. Testing starts at 7:00PM. Please plan to arrive no later than 6:45PM so you can complete all the necessary paperwork. Pre-registering guarantees your session. ALL DISABILITIES MUST BE PRE-REGISTERED & WALK-INS ARE LIMITED. FOR MORE INFO YOU CAN E-MAIL MARK, AI3J @ <ai3j@w3kwh.com> or you can ring him on: 412-833-6049.

Club Info/Legal Stuff

THE BUSINESS MEETING IS EVERY THIRD TUESDAY OF THE MONTH @8PM. A SOCIAL NIGHT IS HELD EVERY WEDNESDAY NIGHT, EXCEPT FOR THE WEDNESDAY FOLLOWING THE BUSINESS MEETING. ALL ARE WELCOME!

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Breezeshooters Ground Wave
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(CLICK THE PAPERCLIP TO VIEW .PDF FILES)

KiloWatt Harmonics

February 2011

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Amateur Radio Club (SCARC)

Editor: Greg Babin, NB3C

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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)
ATV Repeater: 426.250MHz (Currently off-line.)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW)
WA3TTS Beacon: 1296.269MHz (CW) (Off-line)

AND I COULDN'T HAVE PRODUCED THIS
NEWSLETTER WITHOUT THE HELP OF
THESE FINE PEOPLE: WA3FWA, N3MSE,
W3SVJ, WA3TTS, K3RYA, N3SAF, WA3YOA,
N3LLR/W3TOM, KA3MSE, AB3ER, W3WN,
ARRL/IARU. THANKS TO ALL, FOR YOUR
HELP.

Business meeting minutes: Jan. 2011

The meeting was conducted by the President WB3HDI Bob at 8 PM with a Pledge of Allegiance followed by a Moment of Silence for our Silent Keys. 18 members and 2 visitors answered the Roll Call. The Minutes of the Dec. 2010 Meeting were accepted as published in the Jan. 2011 newsletter. The Treasurer's report was given by the Treasurer KA3YNO Walt and accepted by the membership.

Committee Reports

- ⇒ **Clubhouse** WA3VXJ Karl cleaned for the meeting; he and WB3HDI Bob salted the road. The Pepsi vending machine failed causing the cans to freeze and burst inside and those cans are now ruined. The machine needs a major repair or replacement. The VHF room remodel has the insulation and studs installation completed and is ready for wiring.
- ⇒ **Technical** The dedicated 6-meter amplifier is now in service. It was a SB 220, which W3MAC Mac got from MARS. W3IOH Len (SK) had modified it for 6 M and WA3TTS Mike worked extensively on the SB 220 and returned it to the club. Mike placed a memorial plaque to W3IOH on the now 6-meter amp.
- ⇒ **Contest** The ARRL January VHF Sweepstakes will run the weekend of Jan. 22 & 23. The BreezeShooters contests will be; PSK January 22, CW February 19 and SSB March 19.
- ⇒ **Membership** WA3BKD Art gave the 2ed reading for prospective member KB3VHT John.
- ⇒ **Newsletter** Editor NB3C Greg thanked all who submitted articles and gave the answers to the puzzles printed in this month's edition.
- ⇒ **Public Service** KA3MSE Lloyd reported that the club would take the next net on Mar. 2. WA3PYU Mike reported that RACES will become a part of ACS and SCARC's capabilities will be reported to the ACS coordinator. SCARC will be activated by a call from the 147.09 repeater and an announcement from the 147.03 repeater will request members to man the SCARC station.
- ⇒ **Ways and Means** WA3FWA Joe will run the 50/50 raffle, collect any outgoing QSL cards, and also paid the yearly rental for the club's Post Office Box and supplied the 2010 QSTs in a binder for the library.
- ⇒ **Volunteer Exams** AI3J Mark announced that the next exam session would be March 14.
- ⇒ **Old Business** WA3BKD Art said that the Soldier's and Sailor's Memorial Hall brick donation will read "Steel City ARC, W3KWH, Pittsburgh PA".
- ⇒ **Good of the Order** K3RYA is progressing with his rehab. N3EQP John said that the library is getting the book, "ON4UN's Low Band Dxing". John and W3SVJ Nate have been scanning SCARC pictures for the club's archives.
- ⇒ **Motion to adjourn** by W3SVJ Nate.
- ⇒ **50/50 raffle** won by WA3PYU Mike.

Minutes submitted by Recording Secretary WA3FWA Joe.

Business Meeting schedule:
February 15, 8PM @ the clubhouse
March 15, 8PM @ the clubhouse
CU there! (Weather permitting, of course.)

W3KWH
The Steel City Amateur
Radio Club

County Of Allegheny
United States Of America

CQ Zone 5
ITU Zone 8
Maidenhead Grid EN90

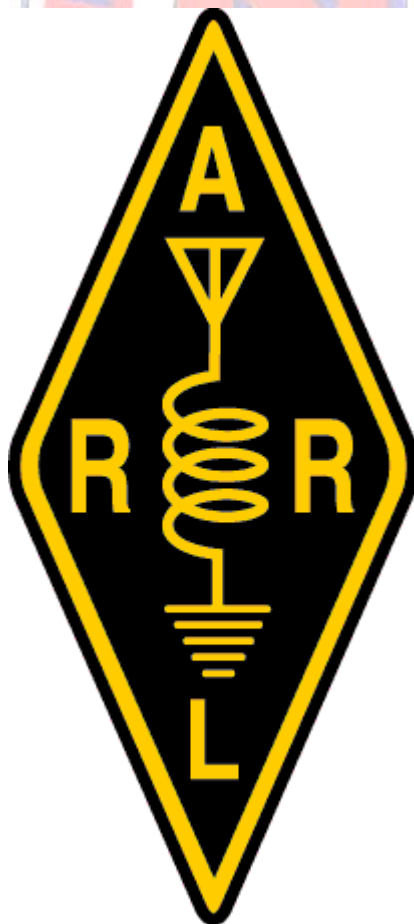
P.O.Box 281
Carnegie, PA. 15106



ARRL WPA section news

The holidays are behind us and the New Year is finally here. With that we will be doing a restructuring of the section staff and ARES platform. The section emergency plan has not been updated since 1999 and many advancements have been made in technology and requirements. Every two years, Emergency Coordinators need to have their appointments renewed and with that we are looking to begin a database of enrolled operators in the ARES platform. Larry Keller, AB3ER, Section Emergency Coordinator, has already sent an e-mail out on the WPA ARES list serve with details on this approach. Individuals with issues or suggestions should contact either Larry or myself to discuss. The ARES program will be a partner to the ACS program the state has been working on for the past few years. This year, another two day program will take place in Harrisburg and Larry Keller and I will be attending.

An area are looking to emphasize this coming year is in technology development and deployment. We will be announcing a leader for this project shortly and he will be putting together a team to work on the platform. Any individual that is interested in Public relations should contact me if you would like to serve as the Public Information coordinator for the section.



While reading the latest issue of the WASHRAG newsletter I came upon an interesting article with regard to a challenge and contest from WACOM. They are challenging individuals to get on the air and work 100 countries prior to June 15. This is a great little challenge and a good way to generate interest and activity in the club and operating. Many clubs have operating activities like the 2 meter contest sponsored by the Wireless Association of South Hills and also the 10 meter contests sponsored by Breezeshooters. If your club has an operating event please let me know so I can inform members in the column. We need to generate interest and activity in our local clubs to increase membership.

I am pleased to see the amount of activity being generated on the Tuesday evening NBEMS net. Check-ins from across the state as well as several stations from outside of Pennsylvania are checking in. Join them for a fun evening. With the new ARES platform, NBEMS will become an integral part of our platform.

Our first hamfest in the section will be held on February 27 in the South Hills of Pittsburgh. More information is available at http://n3sh.org/washfest_2011.htm I know I will be there and I am looking forward to the event.

I encourage you to join one of the various traffic nets and help deliver messages to individuals in your community and throughout the country as operators struggle to keep this activity running strong. The section net is on 3983 every evening at approximately 5:00 PM local time

during the winter due to propagation. The CW net is at 3585 at 7 PM local time. Also please check in on the Saturday morning ARES net. This net is conducted at 9 AM local on 3983 KHz. On Tuesday evening a PANBEMS net is conducted at 6 pm on 3583.5 USB. Another net is held Sunday mornings at 10 AM. Please check in for valuable information. Additional information on various NBEMS nets is available at <http://panbems.org/> there are also several nets on various VHF-UHF repeaters. Join the nets and let's all get Radio Active.

73,
John V. Rodgers, N3MSE
ARRL W. Pa. Section Manager

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National news briefs

⇒ FCC SENDS LICENSE RENEWAL FOR K1MAN TO ADMINISTRATIVE LAW JUDGE

The FCC has issued a Hearing Designation Order to determine, among other things, if the Amateur Radio license of Glenn A. Baxter, K1MAN, of Belgrade Lakes, Maine, should be renewed. According to the Order, "Baxter has apparently willfully and repeatedly engaged in unlawful Commission-related activities, including causing interference to ongoing communications of other amateur stations, transmitting communications in which he had a pecuniary interest, failing to file requested information pursuant to an Enforcement Bureau directive, engaging in broadcasting without communicating with any particular station and failing to exercise control of his station."

Baxter, whose amateur license expired in 2005, filed a timely renewal on July 22, 2005; his license expired on October 17. Because of the timely renewal, Baxter's license remained in effect past the expiration date. The FCC said it "believe[s] that Baxter's apparent continuing course of misconduct raises a substantial and material question of fact as to whether he possesses the requisite character qualifications to be and remain a Commission licensee."

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

Rep Jackson Lee first introduced the bill -- HR 2160 -- in the 111th Congress in April 2009. It gained an additional 41 cosponsors 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.

Material for the "National news briefs" column is gleaned from various issues of the ARRL Bulletin, and is ©2011, ARRL. Thanks to the ARRL for permission to reprint here.

⇒ 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.

⇒ ARRL FILES PETITION FOR PARTIAL RECONSIDERATION WITH FCC REGARDING VANITY, CLUB CALL SIGNS

In October 2010, the FCC released a Report and Order (R&O), detailing rules changes to the vanity call sign system and call signs for Amateur Radio clubs. These new rules are scheduled to go into effect on February 14. The ARRL found that most changes made by the R&O are "reasonable codifications and clarifications of existing policies." But several amended Sections of Part 97 -- including sections 97.5 and 97.19 -- are unclear. As such, the ARRL filed a Petition for Partial Reconsideration, urging the FCC to reconsider and modify these portions "in order to reflect the intent of the Report and Order."

In the R&O, the FCC took into consideration some of the ARRL's comments, but not all. The ARRL found it "disappointing" that the Commission refused to consider in this proceeding "a series of reasonable proposals aimed at increasing the available pools of Group A call signs." The ARRL, in its comments, asked the FCC to consider several changes that could be made "that would increase the number of desirable call signs available for assignment, both sequentially and in the vanity call sign program, and which would provide greater flexibility in the

temporary assignment of special-event call signs in the Amateur Service."

While the ARRL did not seek reconsideration of this refusal, it noted that the Commission's "tersely stated dismissal of these proposals" should, however, be reevaluated in the near term in a separate proceeding. As such, the ARRL urged the FCC to remain open to "future, near-term proposals to address improvements to the sequential, vanity and special event call sign systems; to preclude abuses of the vanity call sign assignment system; and to remedy the serious shortage of available Group A call sign permutations."

The Petition for Partial Reconsideration can be found on the web at, <<http://fjallfoss.fcc.gov/ecfs/document/view?id=7021025735>>.

(MORE NATIONAL NEWS ON PAGE 16)
(MORE ARRL NEWS ON PAGE 12)

- ⇒ **FIJI, 3D2.** Udo, DL9HCU is QRV as 3D2HC. He is here for about two months. Activity is generally on 20 meters using CW and SSB with QRP power around 0500 to 0800z. QSL to home call.
- ⇒ **URUGUAY, CX.** Special event station CW5RV is QRV during 2011 in commemoration of Louis Varney, G5RV, the inventor of the famous antenna. QSL via operators' instructions.
- ⇒ **BELIZE, V3.** Gerd, DJ4KW and Gisela, DK9GG are QRV as V31YN and V31GW, respectively, until February 27. Activity is on all bands and modes. This includes entries in various upcoming contests. QSL to home calls.
- ⇒ **MACQUARIE ISLAND, VK0.** Kevin, VK0KEV is QRV until April 30. QSL via JE1LET.
- ⇒ **OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Uganda, 5X1XA, 2010 operation; and Kermadec Island, ZL8X, 2010 operation.
- ⇒ **SOUTH COOK ISLANDS, E5.** Nigel, G4KIU is QRV as E51SC from Rarotonga, IOTA OC-013, on a permanent basis. He is active on 80 to 10 meters using SSB, RTTY and PSK31. QSL via E51SC.
- ⇒ **CANARY ISLANDS, EA8.** Operators IK1PMR and PA3LEO are QRV as EA8/home calls until March 8. QSL via PA3LEO.
- ⇒ **SWITZERLAND, HB.** Special event call HB60LU is QRV during 2011 to commemorate 60 years of the USKA-Section Luzern. QSL via HB9DWL.
- ⇒ **BURKINA FASO, XT.** Jon, K3QF is QRV as XT2RJA from Ouagadougou until February 14. He is active on the HF bands in his spare time and during his evenings. QSL to home call.
- ⇒ **SABA, PJ6.** Mike, G4IUF is QRV as PJ6/home call until March 3. Activity is on 80 to 10 meters using CW and SSB. QSL to home call.
- ⇒ **NORWAY, LA.** Special event call sign LA200D is QRV for all of 2011 in celebration of the 200 years of the city of Drammen. Activity is on all band and modes. QSL via LA2D. In addition, special event station LM11SKI will be QRV from February 1 to March 31 from Oslo in commemoration of the Nordic World Ski Championship in Holmenkollen. QSL via LA4O.
- ⇒ **MAYOTTE, FH.** Bruno, DH1BL is QRV as FH4VOS from Combani, IOTA AF-027, for the next three years. Lately he has been active on 20 meters using SSB. QSL via DL7BC.
- ⇒ **NEW CALEDONIA, FK.** Operators Hermann, DL2NUD and Stefan, DL9GRE are QRV as FK/homecalls until February 15. Activity is on 2 meters, 70 cm and 23 cm EME, and on the HF bands, respectively. QSL to home calls.
- ⇒ **PANAMA, HP.** Operators DL2BP and DJ2ST will be QRV as HP1/homecalls from Contadora Island, IOTA NA-072, from February 6 to 17. Activity will be on 80 to 10 meters. QSL both calls via DL2BP.
- ⇒ **ST LUCIA, J6.** Operators DF2SS and DL1VKE will be QRV as J6/homecalls from February 5 to 17. Activity will be on 160 to 10 meters using CW, SSB and RTTY with two stations active. QSL to home calls.
- ⇒ **JAPAN, JA.** Special event station 8J6S is QRV until March 31 to celebrate the full opening of the Kyushu Shinkansen Bullet Train, completing the connection between Hakata and Shin-Yatsushiro. QSL via bureau.
- ⇒ **SVALBARD, JW.** Operators LA8HGA and LA8AJA are QRV as JW8HGA and JW8AJA, respectively, from Longyearbyen, IOTA EU-026, until February 18. Activity is on 160 to 10 meters using mostly CW with some SSB and RTTY. QSL via operators' instructions.
- ⇒ **PAPUA NEW GUINEA, P2.** Allan, VK2GR and Josette, VK2FXGR are QRV as P29CW from the North and Middle Fly River areas of the remote area of Kiunga, IOTA OC-034, until early September while working for the organization Australian Doctors International. Activity is on 80 to 10 meters using CW, SSB and RTTY in their spare time. QSL via VK2IR.
- ⇒ **NETHERLANDS, PA.** Special event station PD04ISLE is QRV during 2011 from the nature reserve on the Isle of Tiengemetten, IOTA EU-146. QSL via operators' instructions.
- ⇒ **SAO TOME AND PRINCIPE, S9.** A group of operators are QRV as S9DX until February 17. Activity is on 160 to 10 meters using mostly CW and RTTY and some SSB with two stations active. This includes being an entry in the upcoming CQ WPX RTTY contest. QSL via DL1RTL.
- ⇒ **WEST KIRIBATI, T30.** Udo, DL9HCU is QRV as T30HC from Tarawa Island, IOTA OC-017. His length of stay is unknown. Activity of late has been on 20 meters using CW around 0600z. QSL to home call.
- ⇒ **NAMIBIA, V5.** Several members of the Lufthansa Amateur Radio Club will be QRV as V55DLH from Omaruru from February 5 to 12. Activity will be on 160 to 10 meters using CW, SSB, RTTY, SSTV and PSK. QSL via DK8ZZ.
- ⇒ **MAURITIUS, 3B8.** Slavo, SP2JMB and Bogdan, SP2FUD will be QRV as 3B8/home calls from February 4 to 24. Activity will be on 80 to 10 meters using CW, SSB and RTTY. This includes an entry in the upcoming CQ WPX RTTY contest. QSL to home calls.
- ⇒ **BARBADOS, 8P.** Tony, N3ME and Bernie, W3UR are QRV as 8P9ME and 8P9UR, respectively, from Cave Bay, St. Philip Parish, IOTA NA-021, until February 24. Activity is on 80 to 10 meters using CW, SSB, RTTY and PSK. QSL to home calls.
- ⇒ **CAPE VERDE, D4.** Operators IK5CRH, IK5BCM and IK5CBE will be QRV as D44TBE from Sal Island, IOTA AF-086, from February 2 to 9. Activity will be on 80 to 10 meters, and possibly 160 meters, using CW, SSB and various digital modes. QSL via IK5CRH.

"News from the DX world" is gleaned from various issues of the ARRL DX Bulletin and is ©2011, ARRL. Thanks to the ARRL for permission to reprint here.

Website of the month.....

A (semi) frequent feature where I try to highlight websites that I hope you, my captive audience will find useful & informative. **YE OLDE EDITOR'S DISCLAIMER:** I have no interest, either pecuniary or monetary in the websites described here. All I'm a tryin' to do is make this here monthly rag just a wee bit more enjoyable than it normally is. Thanks for your attention.....73 de NB3C.

This month's pick:

Dean Gibson's Amateur Radio Tools: <www.ae7q.net>
(for the homepage)

Dean Gibson's Amateur Extra 7 Query Tools
<www.ae7q.com> (for the callsign lookup)

First off, the .net site: Not a real intense site, but there is some cool stuff here for you, especially if you're into D-STAR. If you go to the 'AE7Q Software' link, you'll find all kinds of useful software for D-STAR. Also available is a gray-line program that shows the day-night terminator in real time. Click on the 'WinEarth' link to download it. BTW: All the software downloads are FREEBIES!

You'll also find here links to some popular current-production rigs that contain useful tips/info on how to use 'em. Simply click on the link that interests you, and you'll find all kinds of neat tidbits for your rig that you might have not known about.

Need a copy of FCC Part 97? You can download that here too.

Probably the coolest thing on this site is the fact that you can print a copy of your license. Now granted, it's not the real thing, but you can print it nevertheless and frame it and keep your original in a safe place. You can even pick out the color you want, and the fonts and customize it to suit your personal tastes. FREE!



Leo Meyerson turns 100 this year: Leo Meyerson, W0GFQ, will turn 100 years young on February 24. Leo started World Radio Laboratories back in the 1950s, and not only did he sell other manufacturers gear, he built and sold his own too. His brand included the Globe Trotter and Galaxy transceivers which were popular with hams for over 20 years.

If you'd like to send him a birthday greeting, send it to:

Leo Meyerson, W0GFQ
19 Park Lane
Rancho Mirage, CA 92270



Now the callsign lookup site.....

Are you interested in a 1X2 or a 2X1 callsign, but don't know what's available? Do you want a callsign with your initials, or some other special call? Then, check out the .com site listed to the left. It'll give a listing of what callsigns are available, which ones are pending application, expired, cancelled, etc.



By clicking on the call sign region # on the "1X2 & 2X1 callsign availability summary, by callsign region" box, you'll see a listing of every extra class call sign available in your call area of interest. Everything is color-coded, so you will know whether or not the call you're interested in is available (green, in this case). As of this writing, there are approximately 120 1X2 and 2X1 calls available in the third call area. It'll also give you the latest SEQUENTIAL callsign assignments; call and grant date.

Not an extra-class licensee? Don't fret. By simply typing in the callsign you are interested in on the home page on the right under "Show license, trustee & application history, plus repeaters (callsign)" box, you'll know instantly if the callsign you desire is available or not.

Another cool feature is the lookup by zip code farther down on the right. Type in a zip, and you'll see a listing of every amateur in your zip code. There's all kinds of neat searches you can perform here, including maidenhead grid locations, great circle path calculator, and so on.

So, whether you're looking for software on the main page or vanity callsign data on the query page, I think you'll find this a pretty useful site. Bookmark it and check it out.

That's it this month.....Thanks for reading along (or not).....73 de NB3C.

12 CQ June, 1954

LONG TRADES
LOW TERMS
St. Henry

Sub and Ted Henry, with stores in Boston, MA and Los Angeles, California, complete stocks of all home equipment for immediate delivery. Sub and Ted, being home themselves, know you want every item, truly top trade-ins, low prices, and fast delivery, and you get them all from Henry.

TOP TRADE-INS—Henry wants to trade and he trades big. YOU get truly liberal allowances on your equipment. We also pay cash for used equipment.

EASY TERMS—The best terms anywhere because Henry finances all the terms with his easy low payment plan. 1% down for your trade-in accepted in down payment.

FAST DELIVERY—Shipment 4 hours after receipt of order. Good only \$2.00 with order, and shipment will be made COD immediately.

100% SATISFACTION—Ask any ham about Henry Radio Stores. We want you to be satisfied. 10 Day Trial on all receivers.

hallicrafters

5X88—\$60.00 down
12 months payment of \$2.00. \$100.00 cash price.

SELECTIVITY—For the first time, selectivity from 10 KC to 250 cycles in six steps. Single side band suppressed carrier.

5X71
For top performance with extra pull power and ability to tune in stations. Comes in broadcast band, 500-1600 KC, plus four other bands covering 1600 KC to 34 MC and 40-54 MC.

\$25.00 Down
12 months payment of \$2.00. \$100.00 cash price.

You just can't beat HENRY for Long Trades on these items. Find out Today!

Write, wire, phone or visit either store today.

Enter 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, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Henry Radio Stores

1200 Van Clifton Rd. for Boston in MA 02116
1200 Van Clifton Rd. for Los Angeles in CA 90006

Model 2571
Model 2572
Model 2573
Model 2574
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Model 2597
Model 2598
Model 2599
Model 2600

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*Local events
that require our
attention.....*

SCARC club roster (as of Jan. 2011)

AA3TK	TOM
AB3KD	JAY
AE3JM	JASON
AI3J	MARK
AK3J	STEW
DC3RJ	JUERGEN
DL4ZAA	RALF
K3GJS	HARRY
K3JHT	JOHN
K3LAB	DOUG
K3RYA	BILL
KA3JKS	SUE
KA3LIW	DEAN
KA3MSE	LLOYD
KA3MXQ	ALAN
KA3YNO	WALT
KB3BZR	JERRY
KB3CWE	GARY
KB3GMN	CAROL
KB3LED	MARK
KB3LY	ELLIOT
KB3NZX	BOB
KB3ORO	JOYCE
KB3PNE	COLIN
KB3RUK	JIM
KB3SVF	GARY
KB3UEE	MIKE
KD7HR	GREGG
KR8Q	MARK
KT3L	DOC
N3DQ	DELLA
N3DXE	BILL
N3EKL	JOHN
N3EQP	JOHN
N3EVM	BOB
N3GHI	BRUCE
N3GHO	GLORIA
N3SAF	LEE
N3SBF	RITCHIE
N3UUZ	CHUCK
N3VEF	BILLY
NB3C	GREG
NU3Q	BOB
NU3S	AL
W3BC	JOE
W3HH	DOUG
W3JQJ	MATT
W3LA	LEN
W3MAC	MAC
W3MHY	STAN
W3SVJ	NATE
W3UUH	JACK
W3WTW	TIM
W6LAC	BOB
WA3BKD	ART
WA3CYU	BOB
WA3FWA	JOE
WA3PYU	MIKE
WA3RVD	MEL
WA3TTS	MIKE
WA3VXJ	KARL
WA8NLX	RICK
WB3AGB	JOE
WB3CRC	DALE
WB3HDI	BOB
WQ3T	DAVID

ATTENTION ALL AMATEURS:

Interested in becoming a member of SCARC? We have a business meeting every third Tuesday of the month, starting @ 8:00PM at the clubhouse. We also have a social night every Wednesday of the month except for the Wednesday immediately after the Tuesday business meeting. Shoot an E-Mail to any one of the Officers or me, your friendly Editor, and we'll set you up with instructions on how to join and get to the clubhouse. All amateurs are welcome to join! Hope to see you at a meeting/social night soon! (You'll find our E-Mail addresses on page 2.)



WA3TTS 1296MHz beacon update

I took a look at the beacon and it's the power supply that cooked. The PLL is OK, the amp is making one watt out, the RF PIN switch works. The keyer is only sending dashes, so I'm not sure if it needs reprogramming or if the power supply zapped it. So I could have it back together in a few weeks. I need a power supply that makes 24 volts at 1 amp, a 12 volt supply at 2A, and a low current 5 volt supply. I could use a 5V fixed regulator on the 12 volt supply, which is likely a cheaper/more practical route. I need a power supply solution that will fit on the beacon's rack shelf space, as the available space in the repeater room rack is quite limited.

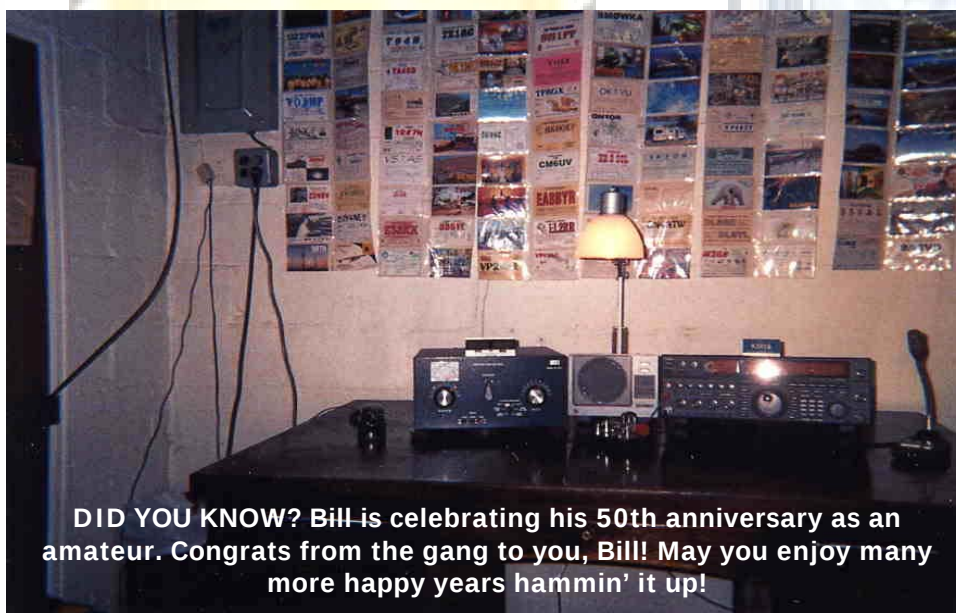
- ♦ Breezeshooters G/W CW Contest, February 19. SEE ATTACHED .PDF FILE FOR INFO
- ♦ Breezeshooters G/W SSB Contest, March 19
- ♦ WASHFest Feb. 27, Castle Shannon Fire Hall. See the flyer at the end of the newsletter for more info.
- ♦ 2 Rivers ARC HamFest, April 3rd, The Spectrum, Boston, PA.
- ♦ Pittsburgh Marathon, May 15. <www.pittsburghmarathon.com>
- ♦ Breezeshooters Hamfest, June 5. Butler Farm Show Grounds, Route 68.
- ♦ Pgh Vintage GP: July 23/24 (Schenley Park race weekend). Corky, N3MJP is the contact man for this detail and you can reach him at 724-217-5458.
- ♦ NHARC Hamfest, July 10. NEW VENUE: West View VFW, 386 Perry Highway, Pittsburgh 15201.
- ♦ Somerset County ARC Hamfest, July 17 @ the Somerset Technology Center. <www.k3smt.org>
- ♦ Skyview Hamfest, August 28. ARRL WPA Section convention @ the clubhouse grounds. <www.skyviewradio.net>
- ♦ Uniontown ARC GabFest, September 3rd, @ the Uniontown ARC clubhouse grounds. <www.w3pie.org>
- ♦ Butler County ARC HamFest, September 11 @ Unionville Fire Hall on Route 8 north of Butler. <www.w3udx.org>
- ♦ Monessen Amateur Radio Club HamFest, October. (EXACT DATE UNAVAILABLE AT TIME OF PUBLICATION. I'll update when available.) Blaine Hill VFD, 409 Oxford Avenue Elizabeth, PA. <<http://w3csl.org/>>
- ♦ WACOM hamfest, November 6. Washington County Fairgrounds, 2151 North Main St. Washington, PA. <www.wacomarc.org>
- ♦ ARRL Western PA. SET, October 29??

I'll confirm dates as we get closer to each event.
Send any corrections you know of to me:
<KQ3DX@hotmail.com>

hallicrafters
"The Radio Man's Radio"

Shack of the month de K3RYA

KiloWatt Harmonics, February 2011
Page 9 (click for Table of Contents)



DID YOU KNOW? Bill is celebrating his 50th anniversary as an amateur. Congrats from the gang to you, Bill! May you enjoy many more happy years hammin' it up!

What do you get when you put together an Icom IC-775 HF transceiver, an MFJ-9982 2.5 KW tuner, and a Hustler 6BTV vertical? A good way to put the DX into your log.

That's the setup at Bill, K3RYA's QTH, and that's our 'Shack of the month' this month.

Apparently he has a pretty good success rate, as evidenced by that cool one-of-a-kind wallpaper on the wall behind the desk.

I'm happy to report that Bill's recuperation/rehab is progressing along nicely. He reports 'moderate success' in his endeavor. All those 'moderate' successes are gonna add up Bill, and before you know it, you'll be up and around, hammin' it up like crazy at the club & home, too.

As a matter of fact, Bill reports that he is shooting for a visit to the club sometime hopefully in March.

Good luck Bill, and we hope to CU on the hill soon!



PENNSYLVANIA
ALLEGHENY COUNTY • EN90



K3RYA

CONFIRMING QSO WITH	DATE			UTC	MHz	RST	MODE 2-WAY	QSL
	DAY	MONTH	YEAR					
								PSE TNX

BEST OF 73's
Bill

The QSL MAN® - W4MPY

BILL JACOBS

Pittsburgh, PA
U.S.A.



Bill is also the club contest coordinator. So, if you have a particular contest in mind you'd like to see worked from the club, shoot Bill an E-Mail to the club reflector. You can also post him a note to his Callbook/QRZ.com address. Lots of big DX contests coming up in February and March, so be sure and drop Bill a note if you're interested in participating.

Remember, nobody's gonna yell at you or make fun of you if you're not a born contester. Come on up to the club and improve your operating skills. Most importantly: HAVE FUN!! That's why we do it in the first place.....

KiloWatt
Harmonics

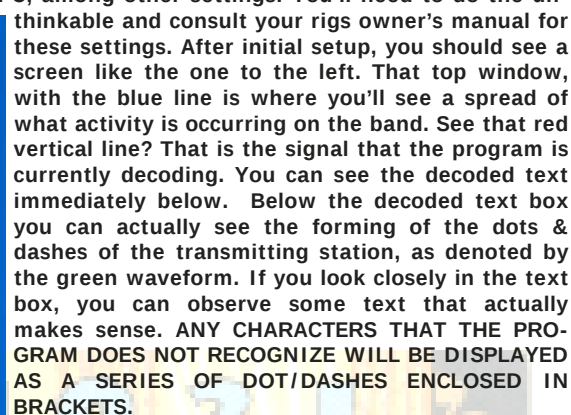
This month's featured software: UA9OV's "CWGet" and "CWType":

Breeseshooters Ground Wave contests are coming up this month and next. See the attached .pdf file for all the rules and regs. CW is this month, and SSB is next month. A good opportunity to test this software out!

(With deepest apologies from Ye Olde Editor to Art, WA3BKD.....HA HA)

I like CW.....No, really, I really do. Trouble is, I just can't copy it worth a darn; certainly not good enough to participate in a CW contest where all the big DX stations are sendin' it at 25-35 words-per-minute. So, what do you do when you're in a predicament like I am? Answer: Use a PC program to 'help' you along. Enter UA9OV's "CWGet" and "CWType".

"CWGet" is a program where you can tune into a CW signal and decode it in real-time. Setting it up is really easy and straight-forward. Simply select your input soundcard in the setup drop-down menu, and your rig type, if you desire rig control from your PC. 2 things about rig control: First, you'll need to have "Omni-Rig" installed, which is a FREE program. To download it, go to <www.dxatlas.com/OmniRig/>. Second, you'll need to know your rig type, which COM-port it's connected to, and the Baud rate that the rig will use to communicate back-and-forth with your PC, among other settings. You'll need to do the un-



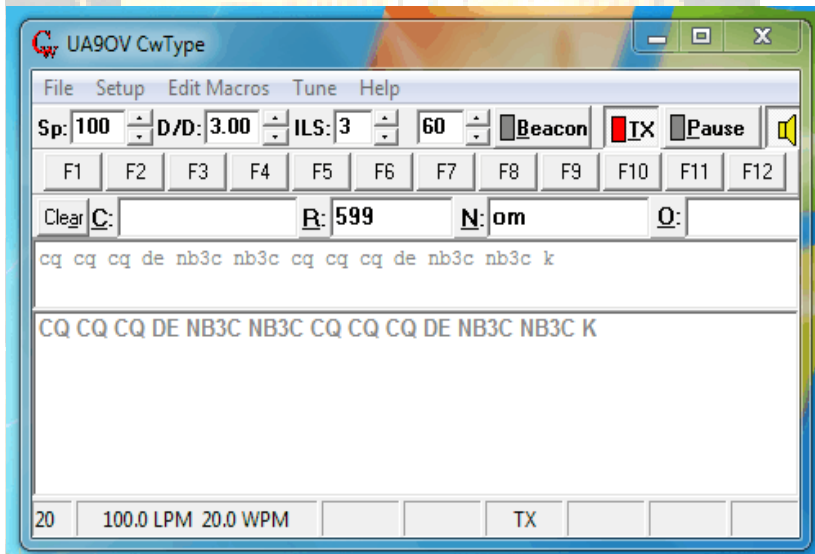
Is the program perfect? No it's not. But, it'll help you with those missed characters, and I think you'll find it handy in a contesting environment, especially if you're like me and need some (ahem) "assistance" as it were.....

The program is available for download as 'shareware'. If you like it, consider supporting the

author and his efforts by purchasing it. Cost is 35 bucks. When you support their efforts, they'll keep upgrading it, and create even better stuff for us ops to use and enjoy. However, it is fully functional when downloaded as shareware. BTW: **I'VE USED BOTH PROGRAMS ON WINDOWS XP 32-BIT THRU WINDOWS 7 64-BIT WITH NO ISSUES.**

As for "CWType", this one is a FREE download. No cost. Setting it up is easy too; all you need to do is specify if you're gonna use a sound card to send characters, like the TigerTronics Signalink interface or a different interface such as a RigBlaster. To set these up, you simply click on 'Setup' on the menu bar and either go to the 'Interface' or 'Sound' tab and make your adjustments. Once again, you'll need to know COM-port numbers and/or what sound card you're using to send characters. TIP: MAKE SURE THAT SPEAKER ICON ON THE RIGHT OF THE PROGRAM IS NOT MUTED; OTHERWISE YOU AIN'T GONNA BE SEDNING ANYTHING. My typed text appears in capital letters, and the text sent is echoed above in lower-case letters, as seen at the right. What I type will be colored black until it is sent, then the sent text will turn to gray.

The cool thing about this program that I like is the fact that you can leave it in the transmit mode, without affecting CWGet's ability to receive. This way, as soon as you type in the window, it is sent. No more wasted keystrokes clicking between transmit & receive.



(CONTINUED ON NEXT PAGE)

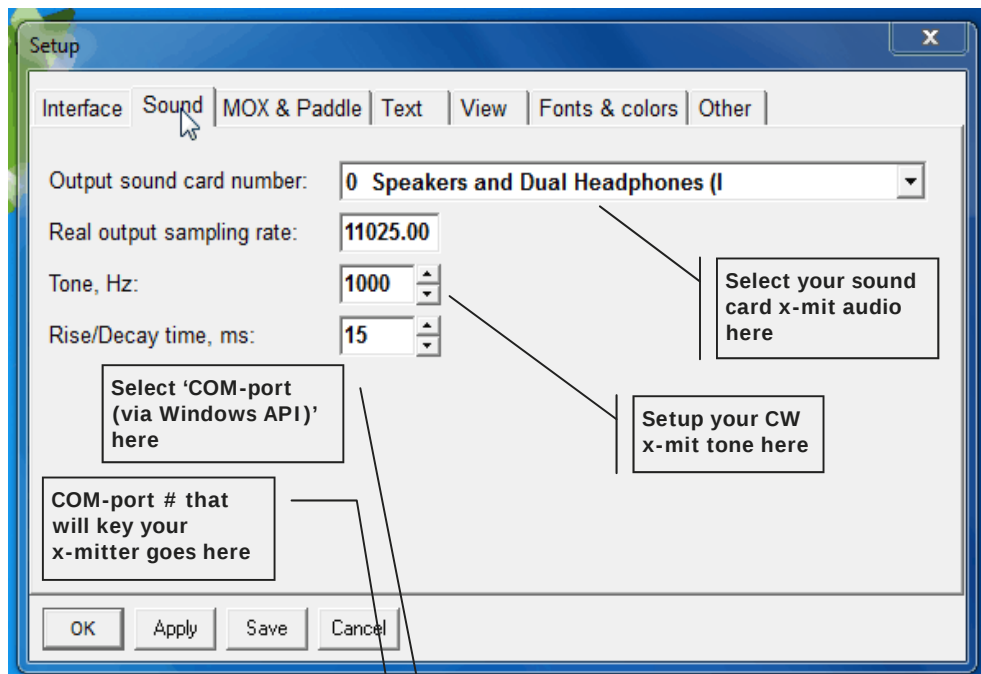
Software of the month (from pg. 10)

You can also adjust your sending speed by adjusting the number in the 'Sp' box on the left side of the program. Right now, we are set at 100LPM (Letters Per Minute) which equals 20WPM. You can also set the dot/dash ratio (D/D) to suit your individual taste. F1-F12 are macro keys so you can send a pre-set message instead of having to type it in all the time, such as "CQ CQ CQ de NB3C NB3C NB3C K". Transmit tone can also be set up for your personal taste in the 'Setup' menu from the menu bar.

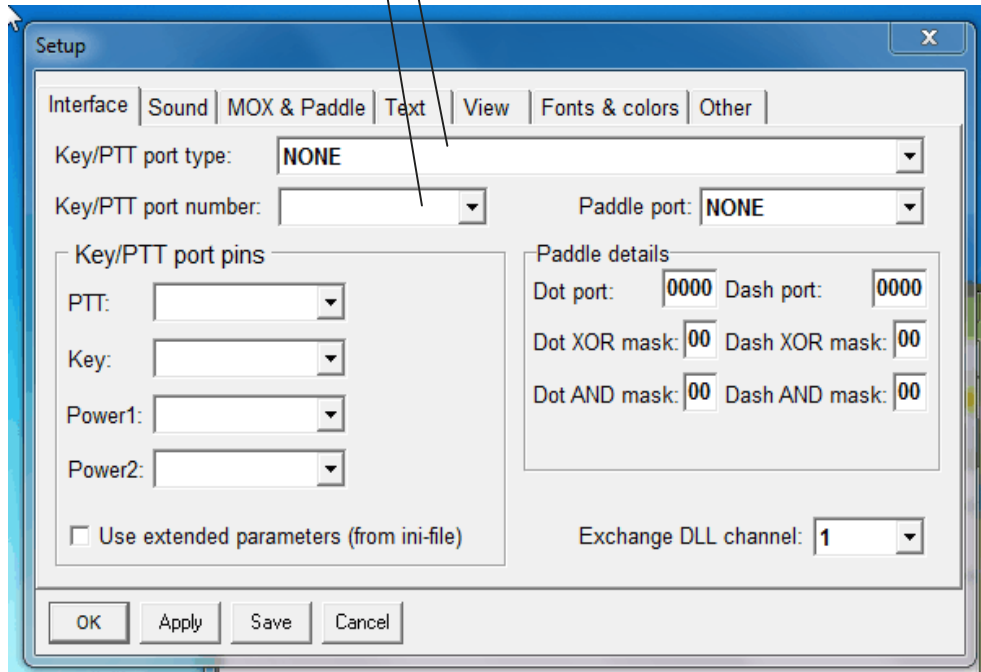
You'll have to spend some time setting it up, but like I said, it is pretty easy and straight-forward. You should be on the air in no time.

So, if you're looking for an easy-to-operate-and-understand program, give both of these a look. I use 'em and I like 'em. Who knows, maybe they'll even help you get your code speed up to where you won't need to rely on them for assistance.

That's it for my software pick this month. I hope you download it and try it out. Thanks for reading along (or not)! 73 de NB3C.....



Now granted, I didn't cover the complete setup of these programs here. But at least you'll be able to get it up and running. As for fine-tuning it to meet your personal tastes, I'll leave that up to you. Enjoy and have fun with it.



These are the setup windows from the CWType program. On the top pic, you would select the sound card you would use to send audio to the transceiver. In the bottom pic, for "Key/PTT port type", if you're using a RigBlaster for example, you would set it as "COM-port (via Windows API)", and assign it a COM port number in the box below. Again, this works for me when sending from a computer keyboard. AS ALWAYS, I'LL HELP WITH ANY PROBLEMS: <KQ3DX@hotmail.com> 73.....

It was a cold and stormy night....Sounds like a murder mystery....Actually it was REAL on Jan 25th afternoon. There were forecasts of storms from NOAA website. I tracked a long green to yellow to red line about 200 miles long at about 45 deg. angle northeast to southwest, moving eastward from the waters of the Gulf onto central Florida nature coast area. The Brooksville repeater is not SKYWARN at 146.715, so we used Tampa 146.640 SKYWARN freq. I am about 20 miles north of Tampa and the NWS is across the bay in Ruskin. The repeater was fairly active at 1500. Warnings and watches were out heavy about 1530 to 1645 then re-announced to end at 2100. Tornado announcements were around 1715. A few hams were on and some were repeating the announcement from NWS Ruskin. There were no hams at the NWS that I could hear officially like we do at NWS PIT. There are two repeaters in Spring Hill FL. 146.805 and 147.750, and another 146.910 in Hudson which is south of Spring Hill and along the Gulf Coast too. Those residents monitor waves too on the weather radios. First to get wet when the "BIGGIE" hits. My XYL (Sally) and I stayed in our mobile home in the Wesleyan village. Google 'Wesleyan Village Brooksville' to see the pictures of various homes, and the activities. 800 residents, some in mobile homes, RV, and other real concrete houses. There is a "hurricane proof" building here that can seat 300 for lunches. Good for up to 140 mph winds, they say....for what that good is at 140....I don't want to be near Florida at 140 mph storms...There were about 40 people there waiting out the storm and monitoring on the laptops. Some of our close neighbors went to the shelter for safety. Having my shack, laptop and tons of stupidity, I decided to "play radio". There were 2 tornados, 1 north of us and 1 south. Winds were reported to be gusting at 75. As you spotters know watching radar, there were plenty of little boxes overlaid from west of Ocala first, then growing southward to Port Charlotte. Some red, some yellow. Due to the angle of the storms N3SAE (Dave) was paying attention later than I was in Port Charlotte 137 miles south of my QTH. West of my home, about 12 miles is Spring Hill. There was some roof damage there. The club there (SHARC) has one repeater on top of the local hospital on 146.805 with SKYWARN check-ins at 7PM. Tuesdays. Just after the storm here. That was an unusual thing to hear a SKYWARN weekly net with check-ins of your call and SKYWARN number, along with the newness of 3, 4 and 9 calls from all us snowbird and local members. Yinz guys gotta have a SKYWARN number to check in too. Great experience being out in the "field" compared to WX3PIT. For more knowledge expansion of the grey matter, google 'KF4IXU.ORG' to see their pictures and newsletter. So, I guess it was a "cold" (relative to Pa. snow) and rainy night for the eastern Florida coast.....73's.....N3SAF.....AL208.....Storm spotter!!

HOW TO GET TO JAPAN FROM THE U.S.A.:

- 1: Go to <<http://maps.google.com>>
- 2: Click 'Get directions'
- 3: Type in 'USA' as your starting point
- 4: Type in 'Japan' as your destination
- 5: Click 'Get directions' again
- 6: Lemme know if you encounter any difficulties when you get to step #31 or #46.....(HA HA)

⇒ N3DOS SK

N3DOS - Charles E. "BUD" Faulhaber is a silent key. Bud passed away after an illness on January 22, 2011. He was laid to rest on January 28. If you would like to leave a note expressing your condolences to the family, you can do so at:

<<http://www.legacy.com/guestbook/postgazette/guestbook.aspx?n=charles-faulhaber&pid=148095990&cid=full>>

ARRL News

⇒ LOGBOOK OF THE WORLD NOW SUPPORTS VUCC

ARRL's Logbook of the World (LoTW) -- an online system for amateurs to confirm two-way contacts that can be used for various ARRL awards -- has been upgraded to support awards based on Maidenhead grid squares, such as VUCC and the Fred Fish Memorial Award. To take advantage of the new features, you need to log in to your LoTW account. VUCC is an open-ended award in that hams can work on throughout their lifetime, just like DXCC. But, like the Worked All States award, the VUCC rules require all the contacts to be made from a defined area. For VHF and UHF QSOs on 1296 MHz and below, this distance must be within 200 km. For SHF awards, contacts must be made from a single location, defined as within a 300 meter diameter circle. As such, the VUCC support in LoTW allows you to make the rule -- or rules -- necessary to find the QSLs in LoTW that satisfy the VUCC rules.

ARRL News is gleaned from various issues of the ARRL Bulletin and is ©2011, ARRL.

⇒ ARRL LEGISLATIVE NEWSLETTER TO BE LAUNCHED

The inaugural issue of the ARRL Legislative Update -- an HTML newsletter focusing on the ARRL's legislative and advocacy efforts at the national level -- will launch the week of January 31. According to ARRL Regulatory Information Manager Dan Henderson, N1ND, this is not a monthly newsletter, but rather a timely newsletter with the goal to convey important information to the ARRL family. "The legislative process is a fickle thing, Henderson said. "Sometimes it moves as slow as molasses in a New England winter, while at other points, time is of the essence. Developing a newsletter designed to be e-mailed to interested ARRL members is a good way to provide important news and calls for action expeditiously." The ARRL Legislative Update is an "opt-in" newsletter available to ARRL members. To receive it, go to your Member Profile on the ARRL website and select the tab for "Edit Email Subscriptions." To receive the ARRL Legislative Update, simply check the appropriate box on that page then click "Save" at the bottom. To unsubscribe, follow the same process, but uncheck the box for this newsletter. (MORE NEWS ON PAGE 13)



ARRL Atlantic Division News

⇒ ATLANTIC DIVISION AWARD NOMINATIONS BEING SOUGHT

Do you know someone who has really stood out in their service to amateur radio? That service could be in: technical abilities; public service; training; education, you name it. Wouldn't it be an honor for that individual or group to be recognized by their peers for their time and talents spent in good service to others? Why not nominate them for one of the Atlantic Division Awards that they qualify for? Atlantic Division awards are presented annually to the hams who make us proud to be part of the Amateur Radio Service. Nominations are taken from the ham community. Selection is made by an Awards Committee chaired by the Division Vice Director. The awards are conferred at the annual Division Convention. Amateurs of any license class may be nominated for awards. Nominations must come from within the Atlantic Division.

⇒ AMATEUR OF THE YEAR

The Radio Amateur in the Atlantic Division whose record merits recognition for outstanding contributions to the Amateur Radio Service. He or she is active on the air and in Amateur Radio organizations. The Amateur of the Year is an all-round Amateur, whose activities, attitudes, and achievements may serve as an example to others. Devotion to Amateur Radio is balanced with attention to work responsibilities and family life. The Amateur of the Year exemplifies the "Amateur's Code." In selecting the award recipient, emphasis is placed on service to others rather than self, diversity of Amateur Radio interests and activities, evidence of continuing self-challenge, and outstanding contributions to Amateur Radio in the year preceding nomination.

⇒ KEITH FREEBERG N2BEL EDUCATOR OF THE YEAR

This award is named after Keith Freeberg N2BEL who was very involved in amateur radio and amateur radio training in the Western New York Section. Keith had a unique ability to teach amateur radio to people of all ages. He had an affinity for working with young people and was very involved with one of the few Radio Coaches programs. It is very fitting that this award is dedicated to his memory and that the successful candidate demonstrate an ability to successfully train people in amateur radio. The emphasis is on quality of training and not pure number of people trained.

⇒ TECHNICAL ACHIEVEMENT

The Radio Amateur(s) in the Atlantic Division whose technical excellence exemplifies "continuation of the Amateur's proven ability to contribute to the advancement of the radio art," and whose attitude exemplifies the highest dedication to service to others and to science, rather than self. Particular value will be placed on evidence of continuing contributions to the Amateur Radio Service. Groups of two or more Amateurs may be nominated for a joint award in this category. Technical achievement may be demonstrated through activities such as the following: publications, research and development, creativity in hardware/firmware/software, systems design and implementation, technical instruction,

application of advanced technology to public service communications. This award is presented at the discretion of the Awards Committee, not necessarily every year. The nomination period closes Saturday, February 26, 2011 for this nomination.

ARRL News (from pg. 12)

⇒ ARRL ANNOUNCES NEW OUTGOING QSL BUREAU RATE STRUCTURE

Effective January 17, 2011, a new pricing structure will go into effect for the ARRL Outgoing QSL Service. With the new rate structure, amateurs will no longer need to count outgoing cards and then guess as to what to pay based upon a half-pound rate; a simple weighing of the cards is all that is necessary to determine what amount to send to the Bureau. This new structure also accommodates a small rate increase in response to recent postage, shipping and handling costs.

The last rate revision for the Outgoing QSL Service was in January 2007. Even though international shipping costs have remained flat over the last 4 years, domestic shipping costs have risen more than 16 percent since 2007, while material and handling costs continue to climb 1 to 2 percent each year.

The new rate will be:

- ⇒ \$2 for 10 or fewer cards in one envelope.
- ⇒ \$3 for 11-20 cards in one envelope, or 75 cents per ounce, for packages with 21 or more cards. For example, a package containing 1.5 pounds -- 24 ounces, or about 225 cards -- of cards will cost \$18.

If you have any questions concerning the ARRL Outgoing QSL Service or the rates to use the service, please send them via e-mail to <buro@arrl.org>.

THE ARRL ATLANTIC DIVISION:

DIRECTOR:

Bill Edgar, N3LLR
<N3LLR@arrl.org>
(814) 362-1250

VICE-DIRECTOR:

Tom Abernethy,
W3TOM
<W3TOM@arrl.org>
(301) 292-6263

For more information, go to the Atlantic Division Website: <<http://www.atldiv.org/AtIAwards.htm>>.

manufacture.

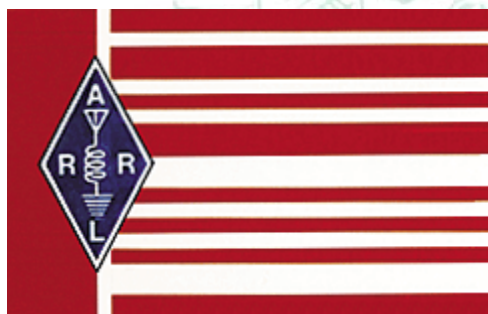


DETAILS

(CONTINUED ON NEXT PAGE)

⇒ FAR SCHOLARSHIPS ANNOUNCED

The Foundation For Amateur Radio, Inc., a non-profit organization with headquarters in Washington, D.C., plans to administer forty-eight (48) scholarships for the academic year 2011 – 2012 to assist licensed Radio Amateurs in the pursuit of higher education. The Foundation fully funds two of these scholarships. The remainder are administered by the Foundation, without cost, for various donors. Licensed Radio Amateurs may compete for these awards. They must be planning to pursue a full time course of studies beyond high school and be enrolled, or have been accepted for enrollment, at an accredited university, college or technical school. The awards range from \$5,000 to \$250 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Non-US residents are eligible to apply for some of the scholarships. Clubs, especially those in California, Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin (areas of preferred residence for some of the scholarships), are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their club's web pages.



Additional information and an application form may be requested by letter or QSL card from:

FAR Scholarships
Post Office Box 911
Columbia, MD 21044-0911
or, via email from <dave.prestel@gmail.com>.

Are you planning on working the Breezeshooters Ground Wave contests this month and next? I've enclosed a separate .pdf file with all the rules and paperwork you'll need to submit your score. For those of you who don't get the newsletter via E-Mail: Sorry, the file is 11 pages and it is simply too long to include as part of the newsletter. All I can say is; if you can get it electronically, please consider doing so.

To register for this webinar, please go to the link below and complete the registration page at least one hour prior to the webinar start time.

<<https://www1.gotomeeting.com/register/380546793>>

⇒ NBEMS UPDATE WEBINAR: SATURDAY, FEBRUARY 26, 2011 – 10:00AM THROUGH 12:00PM (EST)

This NBEMS webinar will cover advanced features such as the use of NBEMS FLWRAP and FLMSG for the use of sending and receiving spread sheet/database data and form-based messages such as the ICS-213 and NTS/Radiogram forms. We will also be covering HF digital net procedures and protocols and hope to incorporate a live HF demonstration that will be viewable by all those attending the webinar.

Our speakers for this session will be Harry Bloomberg W3YJ – Western Pennsylvania Assistant Section Emergency Coordinator and Dave Kleber KB3FXI. Harry and Dave are the developers of this program.

To register for this webinar, please go to the link below and complete the registration page at least one hour prior to the webinar start time.

<<https://www1.gotomeeting.com/register/497568192>>

Applications are also available for download from the Foundation's web site <<http://www.farweb.org/>>.

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

⇒ WEBINARS

We are very excited to announce the two webinars listed below. These webinars are open for any interested ARRL member to watch and listen to. All you need is a computer connected to the internet with computer speakers. You can watch the presentation on your computer monitor and listen to it through your computer speakers.

⇒ 501-C-3 WEBINAR: THURSDAY, FEBRUARY 24, 2011 – 9:00PM THROUGH 10:30PM (EST)

This webinar will give basic information about why clubs may want to file for a tax exempt non-profit status; how to file and how to keep your status good once having been issued your tax exempt status.

Our speakers include the Chris Imlay W3KD - ARRL General Counsel; Marty Woll N6VI – Southwestern Division Vice Director and CPA; and Larry Keller AB3ER – Western Pennsylvania Section Emergency Coordinator and former Skyview Radio Society board member who was active in that club applying for and receiving their tax exempt non-profit status.



Public Service: Maintaining your ARES membership

Compiling and maintaining a roster of ARES members is vital to operations in emergencies as well as general communications. Updating information, especially among many users, can be both time-consuming and prone to inaccuracy. With your help, we can go a long way to improving the process. WPA-ARES has long sought a means to do this and we are happy to be the first to join ARRL in testing and refining this new tool. It is working and ALL are urged to register using the ARRL on-line form <www.arrl.org/ares-registration-form>. This topic has raised a number of questions:

1. Am I required to renew my ARES membership every two years?

Yes, ARES leadership and membership follows the election cycle of the Section Manager and the appointment of a Section Emergency Coordinator (SEC).

2. Are ARES credentials renewed every two years?

Yes, every ARES card has an expiration date. It will now coincide with the 2-year cycle. Among other things this keeps SEC, DECs and ECs aware of the current strength of their groups.

3. Must ECs approve new members?

Yes, ARRL rules recognize that, for any number of reasons, some individuals may not be compatible with Emcomm; lack of training in local procedures is an example. (Chapter 1 ARRL ARES Manual)

4. Won't this disrupt local ARES groups?

No, a prime concern is continuity of our ability to respond it is more a time to review and identify opportunities for improving coverage.

ARES Projects and Goals 2011: Please consider the following topics and consider how you can shape WPA-ARES:

- ⇒ **Roster/Recruiting:** Update membership roles and establish a convenient database. Promote ARES membership to others.
- ⇒ **Emergency Plan:** Review and update outdated plan (last updated 1999).
- ⇒ **Technology Task Force:** Plan integration of new modes, and technology.
- ⇒ **Training Opportunities:** Recommend training programs and promote access to them in keeping with the new NIMS and ACS system.
- ⇒ **Served Agency Relations:** Define better relationships and procedures, especially Skywarn, Red Cross, and Salvation Army.
- ⇒ **ACS:** Identify and work with other groups of the ACS system.
- ⇒ **SET Drill:** Plan SET 2011 testing specific parts of the WPA ARES mission.

Others ???

⇒ WX ALERT-

The current weather situations point out great opportunities to work within the new PEMA ACS. This is an excellent opportunity to work on working relationships with local RACES and 911 centers.

⇒ WEBINARS

Ham Radio 501(c)(3) STATUS - Feb 24, 24, 2011 9:00 PM - 10:30 PM EST

NBEMS Basic and Advanced- Feb 26, 10: AM EST Please tune into the WPA ARES net every Saturday, 9:00 AM, 3.983 MHz, LSB and bring your topics!!

73,

Larry Keller AB3ER
SEC WPA ARES

<ab3er@arrl.net>



WWW.ARRL.ORG

⇒ AMATEUR RADIO BILL INTRODUCED IN CONGRESS

On Wednesday, January 26, Senator Joe Lieberman (ID-CT), along with Senator Susan Collins (R-ME), introduced Senate Bill 191, The Amateur Radio Emergency Communications Enhancement Act of 2011. Similar to HR 81 -- also called The Amateur Radio Emergency Communications Enhancement Act of 2011 -- that was introduced by Representative Sheila Jackson Lee (D-TX-18) on January 5, the bill, if passed, would direct the Department of Homeland Security (DHS) to undertake a study on emergency communications. S 191 has been referred to the Committee on Homeland Security and Governmental Affairs. Lieberman is the Chairman of the committee, while Collins is the Ranking Member.

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.

In April 2009, Representative Jackson Lee introduced HR 2160 in the House, The Amateur Radio Emergency Communications Enhancement Act of 2009. The bill gained an additional 41 cosponsors, but did not progress out of the committee of jurisdiction. In October 2009, Senators Lieberman and Collins introduced the Senate version of the bill -- S 1755 -- in that chamber. That bill made it all the way through the Senate in December 2009, but likewise was not taken up by the House.

Like HR 81, S 191 calls on DHS to undertake a study on the uses and capabilities of Amateur Radio Service communications in emergencies and disaster relief and then to submit a report to Congress no more than 180 days after the bill becomes law. The study shall:

- ⇒ Include a review of the importance of Amateur Radio emergency communications in furtherance of homeland security missions relating to disasters, severe weather and other threats to lives and property in the United States, as well as recommendations for enhancements in the voluntary deployment of Amateur Radio licensees in disaster and emergency communications and disaster relief efforts and improved integration of Amateur Radio operators in planning and furtherance of the Department of Homeland Security initiatives.
- ⇒ Identify impediments to enhanced Amateur Radio Service communications, such as the effects of unreasonable or unnecessary private land use regulations on residential antenna installations; and make recommendations regarding such impediments for consideration by other federal departments, agencies and Congress.

In conducting the study, S 191 directs the Secretary of Homeland Security to "utilize the expertise of stakeholder entities and organizations, including the Amateur Radio, emergency response and disaster communications communities."

⇒ BOY SCOUTS OF AMERICA AND ARRL TEAM UP TO HELP SCOUTS LEARN COMMUNICATIONS SKILLS

After working together for nearly a century to provide Scouts with the ability to learn radio communication skills, Boy Scouts of America and the ARRL have officially teamed up by signing a memorandum of understanding. This MOU designates the ARRL as a key resource for K2BSA and Radio Merit Badge training at the BSA National Scout Jamboree and establishes the ARRL as the go-to source for Scouts interested in learning about and becoming involved in radio communication.

BSA Chief Scout Executive Bob Mazzuca and ARRL President Kay Craigie, N3KN, launched the partnership January 31 by holding a unique wireless communications meeting. Mazzuca joined Craigie virtually during an Internet video conference and document-signing

ceremony. From separate locations, the pair took the opportunity to talk about the importance of each organization to the ongoing development of the other.

"Throughout the years, going all the way back to the Wireless Merit Badge in 1918, the ARRL has worked hand-in-hand with Boy Scouts of America to help teach Scouts the skills and joys of radio communication," said Chief Scout Executive Bob Mazzuca. "Today, we are making official a relationship that has been beneficial for both of our organizations for nearly a century."

BSA, by virtue of its active membership and its outdoor program, represents a significant source of potential new radio operators looking to utilize Amateur Radio for emergency communications while in the field as well as for education, experimentation, and friendship. As part of this strategic alliance, BSA will encourage Scouts and Scouters to become familiar with opportunities for public and community service, learning and personal growth through involvement in Amateur Radio.

"We're excited by the opportunity to make official a relationship that has existed informally for many years," said Craigie. "Scouts and Scouters have been some of the strongest proponents and practitioners of radio communication, and we know they will continue to help foster a love and understanding for the essential nature of radio communication for generations to come." Craigie also noted the numbers of people whose early interests in Amateur Radio led them to electronics and engineering careers in areas that were never foreseen when they were young.

The BSA established the strategic alliance with ARRL because the mission of the ARRL is complementary to the mission and goals of the BSA. Specifically, the ARRL is organized for the establishment of networks to provide communications in the event of disasters or other emergencies, the advancement of the radio art and of the public welfare, the fostering of education, the promotion and conduct of research and development, and the dissemination of technical, educational and scientific information relating to electronic communication, the representation of radio amateurs in regulatory matters, and the promotion of fraternalism and high standards of conduct among radio amateurs.

In addition to its National Scout Jamboree involvement, ARRL will continue to promote participation in the annual Jamboree on the Air (JOTA) event. ARRL will serve as contributing editor to the Radio Merit Badge publication, will assist with the review, creation and modification of requirements as necessary, and will assist in developing course material, lesson plans, and other resources for teaching the Radio Merit Badge to Scouts. ARRL also will contribute to the content of the Electricity, Electronics, and Emergency Preparedness and Communications merit badge publications.

Like chasing DX? Do you need Christmas Island?
Check out the attached .pdf file for all the poop on
the upcoming T32C DXpedition

The IARU E-Letter

KiloWatt Harmonics, February 2011
Page 17 (click for Table of Contents)

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 Telecommunication 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 cybersecurity.

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, 2010 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 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:

- ⇒ revise the Radio Regulations and any associated Frequency assignment and allotment Plans;

Courtesy of the IARU E-Letter
and the IARU. ©2011, IARU.



(CONTINUED ON NEXT PAGE)

- ⇒ address any radiocommunication matter of worldwide character;
- ⇒ instruct the Radio Regulations Board and the Radiocommunication Bureau, and review their activities;
- ⇒ determine Questions for study by the Radiocommunication Assembly and its Study Groups in preparation for future Radio-communication Conferences.



AMATEUR RADIO The INTERNATIONAL AMATEUR RADIO UNION

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.



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



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, CITEL and APT to ensure amateur radio's continued place in the radio spectrum landscape.

When all else is made to fail

Ham radio has been making surprise media appearances here and there over the past couple of years and not just as a novelty story, either. In just the past couple of weeks, NASA asked hams to listen for the NanoSail-D solar sail and a variety of "media hits" find hams providing emergency communications and other useful services. Now there are rumors coming out of the Egyptian turmoil about using ham radio to communicate when a government decides to close off the usual information channels. (Information about use of ham radio in Egypt is unsubstantiated.)

I have often characterized ham radio as "the world's most powerful form of communications available to the private citizen" when asked why it is still relevant. It may not be the fastest or the most ubiquitous or have the ultimate convenience, but that is the source of its power - it must meet none of those requirements in order to survive. Let's face it - ham radio does not compete with broadband data links carrying commerce and entertainment traffic! If that was its mission, we would long ago been off the air.

FROM THE ARRL CONTEST UPDATE,
FEBRUARY 2nd EDITION. ©2011,
ARRL & NØAX.

We've all heard the slogan "When All Else Fails" and it has a certain truth but consider what happens when the communications outages to which we respond are intentional - when all else is made to fail. Back in the Soviet Union's fading days of *glasnost*, a coup attempted to restore the old government structure. While not well-known, some Russian hams passed information around the country, playing a game of electromagnetic cat-and-mouse with the would-be authorities trying to follow and jam them across the bands and modes. Months later, when the Lithuanian parliament in Vilnius was surrounded by Russian military forces, authority of the government was transferred to a minister outside the country via the ham radio club station inside the parliament building. Finally, there was the tale of the "Last Voice from Kuwait" as one ham kept transmitting even under occupation.

Regardless of how Amateur Radio is used in response to extraordinary circumstances, the keys to the utility of Amateur Radio are two-fold; our flexibility and our independence. Amateur Radio is the only licensed service that assigns no channels and encourages operators to use any frequency available to them. Amateur Radio also offers the ability to communicate completely independently of any other communications service or infrastructure. Amateurs may choose to channelize operations and combine their operation with other communications services if that is what most suits the need or preference, but it is critically important that we maintain our flexibility and independence for when direct point-to-point communication is the only answer.

Amateur radio is a broad hobby or service - and getting broader all the time. Yet along with all the many novel constructs that make up ham radio today, that we can make contacts unassisted and independently remains a core element of who we are and what we do. Contesting and radiosport exercise the skills that support those abilities. In our zeal to explore the game we should always remember and make room for the elemental aspects of Amateur Radio "know-how" unique to our service, fulfilling our Basis and Purpose in the most fundamental, necessary, and yes, enjoyable ways. Let us not ever take the essential "amateur" out of Amateur Radio.

73, Ward NØAX



FOR AN INTERESTING READ ON THE CURRENT STATE OF AFFAIRS IN EGYPT, AND HOW AMATEUR RADIO FIGURES IN TO THE EQUATION, CHECK OUT THIS ARTICLE: <<http://news.techworld.com/mobile-wireless/3258996/egypt-cant-run-internet-over-ham-radio-say-experts>>. (Thanks to W3WN)

January 2011
 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

February 2011

The Steel City ARC February Contest/Event Planner

March 2011
 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 WACOM 10M Net WACOM 2M Net 222 Tuesday Skyview Business Meeting	2 SCARC Social Nite Alleg Co. ARES Net NHARC Business Meeting QRP Fox Hunt	3 WACOM Business Meeting	4 QRP Fox Hunt NCCC Sprint Ladder	5 VT QSO Party 10-10 Int'l Winter SSB Test MN QSO Party DE QSO Party Mexico RTTY Test YL-ISSB CW QSP Party AGCW Straight Key Party
6 WASH 2M Net VT QSO Party 10-10 Int'l Winter SSB Test DE QSO Party Mexico RTTY Test NA Sprint CW YL-ISSB CW QSO Party	7 Breezeshooters Net GPVHF Business Meeting DE QSO Party	8 WACOM 2M Net WACOM 10M Net 222 Tuesday ARS Spartan Sprint	9 SCARC Social Nite Alleg Co ARES Net QRP Fox Hunt NAQCC Straight Key/Bug Sprint CWops Mini-CWT Test	10 WASH Business Meeting CWops Mini-CWT Test	11 QRP Fox Hunt NCCC Sprint Ladder PODXS 070 Valentine Sprint (also 2-12)	12 CQWW DX RTTY Test SARL Field Day Test Asia-Pacific Spring Sprint CW Dutch PACC Test FISTS Winter Sprint
13 CQWW DX RTTY Test WASH 2M Net SARL Field Day Test Dutch PACC Test NA SSB Sprint Classic Exchange SSB	14 Breezeshooters Net Classic Exchange SSB	15 SCARC Business Meeting WACOM 2M Net WACOM 10M Net 222 Tuesday	16 Alleg Co ARES Net QRP Fox Hunt AGCW Semi-Auto Key Evening	17	18 QRP Fox Hunt NCCC Sprint Ladder	19 ARRL Int'l DX CW Test Breeze Shooters G/W CW Test Feld-Hell Sprint AWA AM QSO Party
ARRL School Roundup						
20 ARRL Int'l DX CW Test WASH 2M Net AWA AM QSO Party	21 Breezeshooters Net	22 WACOM 2M Net WACOM 10M Net 222 Tuesday	23 SCARC Social Nite Alleg Co ARES Net QRP Fox Hunt	24	25 CQ 160M SSB Test QRP Fox Hunt NCCC Sprint Ladder	26 CQ 160M SSB Test WASH Breakfast NA QSO Party RTTY REF SSB Test UBA DX Test CW WASH Breakfast
27 CQ 160M SSB Test WASHFest 2011 WASH 2M Net NA QSO Party RTTY Hi Speed Club CW Test REF SSB Test UBA DX Test CW	28 Breezeshooters Net CQC Winter QSO Sprint					

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

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 13 14 15 16 17 18 19
 20 21 22 23 24 25 26
 27 28

March 2011

The Steel City ARC March Contest/Event Planner

April 2011
 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 WACOM 2M Net Skyview Business Meeting WACOM 10M Net 222 Tuesday AGCW YL-CW Party	2 SCARC Social Nite NHARC Business Meeting Alleg Co ARES Net QRP Fox Hunt	3 WACOM Business Meeting	4 QRP Fox Hunt	5 ARRL Int'l DX Test SSB Wake-Up QRP Sprint
6 ARRL Int'l DX Test SSB WASH 2M Net DARC 10-Meter Digi Test SARL Hamnet 40m Simulated Emerg Test	7 Breezeshooters Net GPVHF Business Meeting RSGB 80m Club Champ. Digi	8 WACOM 2M Net WACOM 10M Net 222 Tuesday ARS Spartan Sprint	9 SCARC Social Nite Alleg Co ARES Net QRP Fox Hunt CWops Mini-CWT Test AWA John Rollins Memorial DX Test	10 WASH Business Meeting CWops Mini-CWT Test AWA John Rollins Memorial DX Test	11 QRP Fox Hunt	12 END EST: SPRING FWD 1 HR B-4 BEDTIME AGCW QRP Contest ARCI HF Grid Sq. Sprint AWA John Rollins Memorial DX Test (also 3/ 13)
13 DST BEGINS WASH 2M Net EA PSK31 Contest SKCC Weekend Sprint NA Sprint RTTY WI QSO Party	14 Breezeshooters Net WI QSO Party NAQCC-EU Monthly Sprint	15 SCARC Business Meeting WACOM 2M Net WACOM 10M Net 222 Tuesday	16 Alleg Co ARES Net RSGB 80m Club Champ. CW	17 NAQCC Straight Key/Bug Sprint	18 SARL VHF/UHF Analog Contest	19 Breeze Shooters G/W SSB SARL VHF/UHF Analog Contest 10-10 Int. Mobile Test BARTG HF RTTY Contest Russian DX Test AGCW VHF/UHF Test
20 Spring Equinox 1332 EDT WASH 2M Net SARL VHF/UHF Analog Contest BARTG HF RTTY Contest Russian DX Test	21 Breezeshooters Net BARTG HF RTTY Contest VA QSO Party	22 WACOM 2M Net WACOM 10M Net 222 Tuesday	23 SCARC Social Nite Alleg Co ARES Net SKCC Sprint	24 RSGB 80m Club Champ. SSB	25	26 CQ WW WPX Test SSB WASH Breakfast
27 CQ WW WPX Test SSB WASH 2M Net	28 Breezeshooters Net QRP Homebrewer Sprint	29 WACOM 2M Net WACOM 10M Net 222 Tuesday	30 SCARC Social Nite Alleg Co ARES Net	31		

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



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: _____

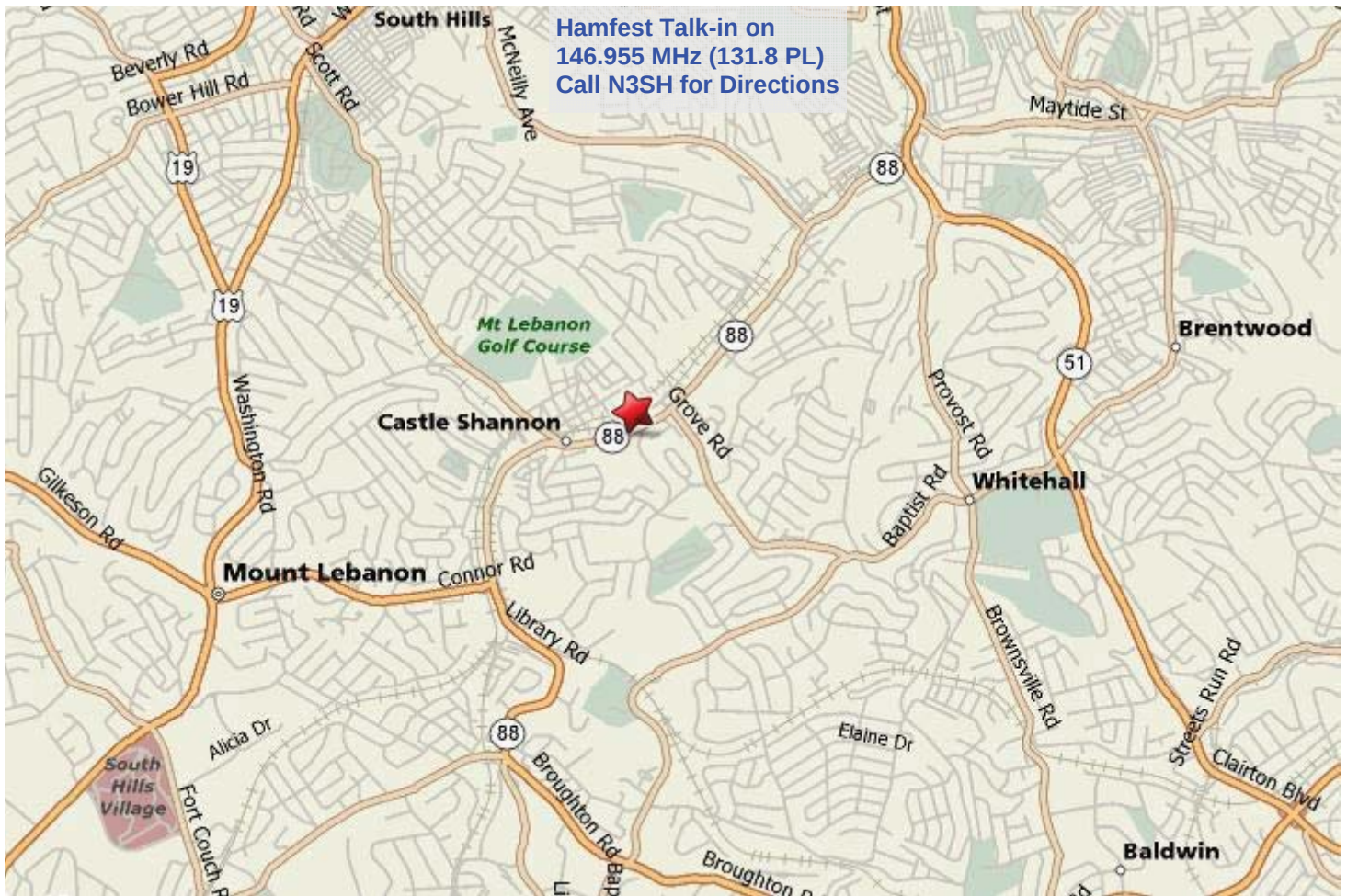
Call Sign: _____

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!



Directions to WASHFest 2011



From State Route 51 (North or South): Take SR 51 to SR 88 South (Library Road at Saw Mill Run Boulevard. Proceed South about 1½ miles to Grove Road (3rd Traffic Light. Turn Right (North) onto Grove, and an immediate Left into the Parking Lot.

From US 19 South (Washington County): Take US 19 (Washington Road) North past South Hills Village to the intersection of Connor Road (by the Galleria). Turn Right onto Connor Road. At the end of the road, turn Left onto SR 88 (Library Road). Proceed North about 1½ miles to Grove Road (3rd Traffic Light. Turn Left (North) onto Grove, and an immediate Left into the Parking Lot.

From US-22, Interstate I-76 (PA Turnpike) or I-376 (Parkway East): Follow the Parkway East inbound towards Pittsburgh, to the Boulevard of the Allies. Follow the Boulevard to the exit ramp (on the left) for the Liberty Bridge. Cross the Liberty Bridge and proceed through the Liberty Tunnel. Take the exit for SR 51 South. Proceed about 3 miles to the intersection with SR 88 (Library Road) and proceed as above.

From Interstate I-279 (Parkway North) & I-79 North via I-279: Follow the Parkway North Southbound to the Veteran's Bridge I-579 exit. Cross the Veteran's Bridge and follow I-579 to the exit ramp for the Liberty Bridge. Cross the Liberty Bridge and proceed through the Liberty Tunnel. Take the exit for SR 51 South. Proceed about 3 miles to the intersection with SR 88 (Library Road) and proceed as above.

From State Route 28: Follow the SR-28 inbound to the exit ramp for the Veteran's Bridge I-579. Cross the Veteran's Bridge and follow I-579 to the exit ramp for the Liberty Bridge. Cross the Liberty Bridge and proceed through the Liberty Tunnel. Take the exit for SR 51 South. Proceed about 3 miles to the intersection with SR 88 (Library Road) and proceed as above.

From the West via State Route 60, US 22/30, or the Parkway West: Proceed inbound to the Parkway West. Follow the Parkway inbound to the intersection with SR 51 (exit to the right prior to the Fort Pitt Tunnel). Take SR 51 South and proceed about 4½ miles to the intersection with SR 88 (Library Road) proceed as above.

From Interstate I-79 South: Take I-79 to the intersection with the Parkway West I-279 and proceed as above. If coming from Washington County or further south, exit in Washington Pa to Murtland Avenue North and follow US-19 North.

W3KWH

The Steel City Amateur
Radio Club

County Of Allegheny
United States Of America



CQ Zone 5
ITU Zone 8
Maidenhead Grid EN90

P.O.Box 281
Carnegie, PA. 15106

KiloWatt Harmonics

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

Inside: Shack-of-the-month,
Website-of-the-month,
Software-of-the-month, plus lots of
other interesting tidbits.

NEXT
MEETING:
8PM
15 FEB.



BE SURE AND
CHECK OUT OUR
COOL WEBSITE:

<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>



***USE THE DUES FORM ON THE
OTHER SIDE FOR YOUR 2011
DUES PAYMENT.....***



SCARC DUES RENEWAL FORM FOR THE CALENDAR YEAR 2011

NAME: _____ **CALL:** _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

PHONE NUMBERS:

Day _____ **Evening** _____

BIRTHDATE: _____ **LICENSE CLASS:** _____ **EXPIRES:** _____

EMAIL: _____

Would you like the newsletter E-Mailed to you ? (Circle One) YES NO
(Please provide E-Mail address above)

Please indicate if you are also an ARRL Member. (Circle One) YES NO

ARRL information is requested to keep our ARRL affiliation current

Membership rates:

Regular Member: \$50.00

Retired member (Over 65): \$50.00

Additional Family Member: \$15.00

DX Member: \$15.00

**Per SCARC Constitution Article VII, section & By-Laws,
dues must be paid by the regular meeting in April.**

Payment by check payable to: STEEL CITY AMATEUR RADIO CLUB is preferred. Please indicate your call sign on your check. Your cancelled check serves as your receipt. Payments can be mailed to the P.O. Box on the back of the newsletter or to the treasurer:

**Walt Adkins KA3YNO, Steel City Amateur Radio Club
476 First Street, Heidelberg, PA 15106 -OR-**

**SCARC, P.O. Box 281
Carnegie, PA 15106**

**Of course payment will be accepted on Wednesday evenings and on the meeting nights.
Your early renewal assures your continued access to the clubhouse and permits better planning of club activities.**