



► FOR THE TABLE OF CONTENTS, AND CLUB OFFICER INFO, TURN TO **PAGE 2**



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



► SEE WHAT'S GOING ON IN THE MONTHS OF AUGUST & SEPTEMBER: **PAGE 13** FOR AUGUST, **PAGE 14** FOR SEPTEMBER

AUGUST | 2009 | ISSUE 8

NEXT MEETING: AUGUST 18 @ THE CLUBHOUSE. MEETING STARTS AT 8:00PM. FOOD & SOCIALIZING FUN STARTS IMMEDIATELY THEREAFTER. CU THERE!



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

KiloWatt Harmonics



BCARA

Butler County Amateur Radio Association, Inc

Butler SwapFest
Sunday September 13, 2009
8 A.M. to 3 P.M.

Drive in, buy a ticket and open your trunk

Bring a friend

Your trash may be someone's treasure

Unionville Fire Department grounds
Located at the intersection of PA Route 8 and Unionville Road
7 miles north of downtown Butler

Prizes

Two (2) Yaesu FT-60R Duel Band Handhelds

Prize drawings will be at 12:00 noon and 2:00 P.M.
Winner must be present to win

50/50 Raffles

Donation of \$5.00 per person includes 1 main prize ticket
Additional tickets available at the club's table

Talk in W3UDX 147.36/96
Web Site: W3UDX.ORG

Food: breakfast of doughnuts and coffee and lunch furnished by the
Unionville VFD
(no individual sales permitted)

Sponsored by the Butler County Amateur Radio Association, Inc.



Event: SCARC Annual Corn Roast!

Date: 30 August, 2009

Time: Fun starts at 1:00PM!

Location: SCARC Clubhouse

Pre-requisites: NONE! (Bring your favorite dish if you like)

Recommendation: BE THERE!! (Bring the XYL & kids)



Club & Officer Info/Table Of Contents

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

In The World Of DX.....Page 3

**July Business Meeting
Minutes.....Page 4**

**ARRL WPA Section News
Page 5**

**SCARC 2009 Club
Roster.....Page 6**

**On The National
Front.....Page 7**

**ARRL Atlantic Division
News.....Page 8**

**East Meets West
Page 11**

The Prez Sez.....Page 12

August Calendar.....Page 13

**September Calendar
Page 14**

KiloWatt Harmonics,
2009

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Amateur Radio Club

Edited by Greg Babin, NB3C

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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:
WA3FWA, WB3HDI, W3SVJ, N3MSE,
N3LLR, ARRL. THANKS ALL, FOR
YOUR EFFORTS. 73 DE NB3C!**

In The World Of DX.....

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

- ⇒ **ANDORRA, C3.** Vini, IK2CIO, will be active as C31/IK2CIO between August 6 and 12. Activity will be holiday style on 160 through 6 meters using CW and SSB. QSL to IK2CIO, via the Bureau or direct.
- ⇒ **BELIZE, V3.** Per, LA5OPA, will be QRV as V31NP from Ambergris Cay (NA-073) between July 26 and August 12. He will work in SSB and PSK31 mostly on 20 meters. QSL via bureau or direct to LA5OPA.
- ⇒ **MOROCCO, CN.** CN10FT is QRV until August 20 commemorating the 10th year of the reign of the King of Morocco, Mohamed VI. Operators are CN8ZG, CN8CMZ, CN8KD, CN8NK and CN8SG. QSL via EA7FTR.
- ⇒ **GHANA, 9G.** Operators Alfeo, I1HJT, Silvano, I2YSB, Carlo, IK1AOD, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA, Stefano, IK2HKT, and Donato, IZ2CHO will be active between November 13 and 27. Their activity will also include an IOTA trip to Abokwa Island (AF-084). They will use two different call signs for their activities. Operations on the mainland will use the call sign 9G5TT, while operations on AF-084 will use 9G5XX. Activity will be on 80 through 10 meters, using all modes. QSL via I2YSB.
- ⇒ **LESOTHO, 7P.** Operators HA5AO, K5LBU, W0MM, 9M6XRO and DJ0YI are QRV as 7P8AO, 7P8CF, 7P8MM, 7P8OK and 7P8YI until August 13. Activity is on all HF bands using CW and SSB with two stations active all the time, with a third station active using just RTTY and PSK. QSL 7P8OK via M0URX and all others to home calls.
- ⇒ **GERMANY, DA.** Members of the Waldkirchen Radio Club are QRV using special event call sign DP3SSKW until December 31 in celebration of the 3rd Shito-ryu Shukokai Karate 2009 Worldcup being held in Waldkirchen. Activity is on the HF bands using CW and SSB. QSL via bureau.
- ⇒ **PHILIPPINES, DU.** Hans, DL5SDF is QRV as DU9/homecall from Mindanao Island, IOTA OC-130, and is here until June 2010. Activity is on the HF bands using CW. QSL direct.
- ⇒ **AGALEGA AND ST. BRANDON ISLANDS, 3B6.** Rachid, 3B8FQ will be QRV as 3B7FQ from St. Brandon, IOTA AF-015, and be here until August 30. Activity will be on 40 to 10 meters using CW and SSB. QSL via K5XK.
- ⇒ **AZERBAIJAN, 4J.** Gerard, 4J/F2VX and Yannick, 4J/F6FYD will be QRV from August 11 to 29. Activity will be mostly on the HF band using SSB. QSL to home calls.
- ⇒ **TIMOR-LESTE, 4W.** Al, CT1GPQ is QRV as 4W6AL until October 3. Activity is on 40 to 17 meters using mostly CW but with some SSB and RTTY as well. QSL via CT1GFK.
- ⇒ **MOROCCO, CN.** Richardo, EA5UM is QRV as CN2UM from Ouazzane until August 23. Activity is on 80 to 10 meters using SSB. QSL to home call.
- ⇒ **OGASAWARA, JD1.** Makoto, JI5RPT and Yoshihi, JO1LVZ will be QRV as JD1BLY and JD1BNF, respectively, from Chichijima, IOTA AS-031, from August 9 to 15. Activity will be on 160 to 2 meters using CW, SSB and various digital modes, and 2 meter EME and satellites. QSL to home calls.
- ⇒ **MONGOLIA, JT.** Special event station JU85TTC is QRV until September 30 in celebration of the Technique Technology College of Mongolia's 85th anniversary. QSL via JT1DN.
- ⇒ **INDIA, VU.** Special event station AT8LHC is QRV from Kadalur Point Lighthouse, Calicut, Kerala until August 16. Activity is on 40 and 20 meters using CW, SSB and various digital modes. QSL via VU2JHM.
- ⇒ **FAROE ISLANDS, OY.** Janusz, OY/SP6IXF and Mek, OY/SP7VC plan to be QRV from August 10 to 16. Activity will be on 160 to 2 meters. QSL to home calls.

Business Meeting Minutes: July 2009

The meeting was conducted by President WB3HDI, Bob at 8 PM. The Pledge of Allegiance was followed by a Moment of Silence for our Silent Keys and a Roll Call by 19 members and 3 guests. Minutes of the June meeting were accepted as published in the July newsletter. The Treasurer's report was given by Treasurer KA3YNO, Walt and accepted by the membership. Committee reports are as follows:

Clubhouse WA3VXJ, Karl cut grass and cleaned up for tonight's meeting..

Technical WA3TTS, Mike described 4 meters that he refurbished and recalibrated to use for testing club radios and equipment. He and W3BC, Joe are still working on the TS-950 and SB-220 amp. Mike implored the members not to break anything for a while! Funds were voted in to buy surge protectors for club equipment.

Contests Has anyone sent in the June VHF contest results? With a large turnout of ops, the Field Day event was deemed a success with some 1500 QSO points earned. The main generator ran for 22 continuous hours on the 100 lb. Propane tank. The ARRL UHF contest will run Aug. 1 and 2.

Membership WA3BKD, Art gave the 2nd reading for KR8Q, Mark, the 1st readings for K3JHT, John and KB3SVV, Scott. WA3SYB, Bruce was voted in without readings as he is a former SCARC member. Welcome back Slippery Yellow Banana!

Newsletter NB3C, Greg considered reducing the volume of content in his fact filled newsletter. The members opined that it is widely known as an excellent publication so that he should continue doing as he has. Greg also plans to produce an active membership roster that shows only their call signs. He would like to have instructions visible for each transceiver so that the members may properly operate the equipment.

Public Service KA3MSE, Lloyd was net control for the last emergency net. He stated that we need to send our current membership list to the ARRL to maintain our affiliation with them.

Ways and Means WA3FWA, Joe will hold the 50/50 raffle after the meeting and collect any outgoing QSL cards for the ARRL bureau. We now have 29 countries confirmed out of 59 worked on 160 meters and have received a certificate from the ARRL for operating the Aug. 2008 VHF/UHF contest. Also received a letter of appreciation from the ARRL for our donation in memory of KA3LNG, Kurt. The Sprite and Gatorade in the refrigerator are not free; pay 50 cents each please!

PC/Web Site Prez Bob said that W3WTW, Tim has sent in the Field Day logs.

Good of the Order W3SVJ, Nate requested that a condolence card be sent out to the family of WB3CRF, Rich and a donation forwarded to the ARRL in his memory. Mike reported that we have a 2nd K9AY antenna switching box that has been donated by N3ZOM, Frank. There was some discussion whether or not there is a need for an amplifier for the 2-meter repeater; not at this time. The corn roast will be held on Sun. Aug. 30 and funds were appropriated for this event. Bring a dish and a friend. AK3J, Stew presented the negotiation committee's acceptance offer from AT&T for the cell tower lease and the legal fees involved. The membership approved Stew's offer and to pay the legal fees. Stew also presented a plan to combine SCARC and his Somerset club members to be a bonus station in the next PA QSO Party contest. He will work out the details and present them to the Nittany club for acceptance.

Motion to Adjourn by N3EQP, John
50/50 raffle won by NB3C, Greg
Minutes submitted by Recording Secretary WA3FWA, Joe.

**Our next business meeting will be held
on 8/18 at 8PM. CU @ the Clubhouse!!**

ARRL WPA Section News

THE ARRL WPA SECTION:

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I want to express my personal thanks and congratulations to Harry Bloomberg, W3YJ and Dave Kleber, KB3FXI for the outstanding article written by them for the August issue of QST. The article on the Public Service pages 73-74 on emergency communications is well written and has become a key tool for emergency services in W. PA. The program is called NBEMS and I can tell you first hand it works well with very little equipment. If you have not seen their hands on demonstration, contact them to setup a demo for your club or ARES meeting. Thanks guys, for all your hard work and for the fine article.

Western Pennsylvania section currently has 36 affiliated clubs according to League records. The unfortunate part of this is that we know many more clubs are functioning in the section. One reason for this disparity is that many clubs have failed to update their affiliation by doing the annual report to the league. The following information provided by Norm Fusaro at HQ should help clubs to check and update their information. I ask that club officers check the information for their club and update if necessary. Once your club is affiliated, it remains affiliated. To stay actively affiliated, you must complete and submit an Annual Report at least once a year. An update must be submitted each year even if nothing changes. The annual update lets us know that the club is still active. Your club's status will be changed to inactive should 2 years go by without our receiving an Annual Report. Your club can return to active status at any time by simply completing and submitting an Annual Report. Please retain these instructions for future updates or whenever important information changes. Please update your club record at this time by locating your club in the club search <<http://www.arrl.org/FandES/field/club/clubsearch.phtml>>. If you can't find your club then it may be listed as inactive. Try the big club list <<http://www.arrl.org/FandES/field/club/biglist.html>>. Click on the highlighted club name to see the club detailed information. At the bottom of this page click on the highlighted phrase "submit updated data for this club record." After you've made your changes, hit the "SUBMIT REPORT" key and your update will be sent to us. After the submitted data is reviewed, updates are made and changes can be viewed on the web in a few days. Please hit the submit key only once. Special Service Club designation must be renewed every 2 years. If you need to update your Special Service Club record please visit the SSC page at: <<http://www.arrl.org/FandES/field/club/forms/fsd7/index.html>>.

To remain an active ARRL affiliate at least 51% of your club members have to be ARRL members. If you need help in verifying ARRL membership simply e-mail us a list of call signs and we can usually return the breakdown to you in 24 hours. Don't forget that clubs can earn commissions when they sign up ARRL members through the club: <www.arrl.org/club>. Please update your records as each and every club is of importance to our section and division.

(CONTINUED ON PAGE 9)

The SCARC Club Roster for 2009.....

AA3TK	THOMAS	N3VEF	BILLY
AE3B	DAN	NB3C	GREG
AE3JM	JASON	NU3Q	ROBERT
AI3J	MARK	NU3S	AL
AK3J	STEW	W3BC	JOE
DC3RJ	JUERGEN	W3HH	DOUG
DL4ZAA	RALF	W3JQJ	MATT
K0BUD	MICHAEL	W3MAC	MAC
K3GJS	HARRY	W3MHY	STANLEY
K3LAB	DOUG	W3SVJ	NATHAN
K3RYA	WILLIAM	W3UUH	JOHN
KA3JKS	SUE	W3WTW	TIM
KA3LIW	DEAN	W6LAC	ROBERT
KA3MSE	LLOYD	WA3BKD	ART
KA3MXQ	ALAN	WA3FWA	JOE
KA3YNO	WALT	WA3PYU	MICHAEL
KB3BZR	JERRY	WA3RVD	MEL
KB3GMN	CAROL	WA3SYB	BRUCE
KB3LED	MARK	WA3TTS	MIKE
KB3LY	ELLIOTT	WA3VXJ	KARL
KB3MDN	GEORGE	WA3YCU	BOB
KB3NZX	BOB	WA8NLX	RICK
KB3ORO	JOYCE	WB3AGB	JOE
KB3PNE	COLIN	WB3CRC	DALE
KB3RUK	JIM	WB3HDI	BOB
KB3SVF	GARY	WQ3T	DAVID
KD3GM	BRIAN	KB3PJW	MATT
KD7HR	GREGER		
LX1UN	ALAIN		
N3DQ	DELLA		
N3DXE	BILL		
N3EQP	JOHN		
N3GHI	BRUCE		
N3GHO	GLORIA		
N3SAF	LEE		
N3SBF	RICHE		
N3UUZ	CHUCK		

This is the list of members in good standing with the Steel City Amateur Radio Club, as of July, 2009. Don't see your name listed here? See Nate, W3SVJ, or Art WA3BKD at the next business or social meeting. You can also see any one of the Club Officers. They'll be glad to help you re-up or even join as a new member! BTW: We are currently at 64 members in good standing. Thanks for keeping your membership current!

From various issues of the ARRL
Bulletin. Thanks to the ARRL for
permission to reprint here.

On The National Front.....

⇒ **WALTER CRONKITE, KB2GSD, SK**

Legendary CBS newsman Walter Cronkite, KB2GSD, who held the title of "Most Trusted Man in America," passed away Friday, July 17 after a long illness. He was 92. The avuncular Cronkite anchored the CBS Evening News for 19 years until 1981 when he retired. During that time, he reported on such subjects as the Kennedy assassinations, the Civil Rights movement, the Apollo XI lunar landing, Vietnam and the Vietnam-era protests, the Arab-Israeli Six Day War, Watergate and the Begin-Sadat peace accords.

Cronkite, an ARRL member, narrated the 6 minute video "Amateur Radio Today" <<http://www.arrl.org/ARToday/>>. Produced by the ARRL in 2003, the video tells Amateur Radio's public service story to non-hams, focusing on ham radio's part in helping various agencies respond to wildfires in the Western US during 2002, ham radio in space and the role Amateur Radio plays in emergency communications. "Dozens of radio amateurs helped the police and fire departments and other emergency services maintain communications in New York, Pennsylvania and Washington, DC," narrator Cronkite intoned in reference to ham radio's response on September 11, 2001. "Their country asked, and they responded without reservation."

Walter Leland Cronkite was born in St Joseph, Missouri on November 4, 1916, the only child of a dentist father and homemaker mother. When he was still young, his family moved to Texas. "One day, he read an article in "Boys Life" about the adventures of reporters working around the world -- and young Cronkite was hooked," said his obituary on the CBS Web site. "He began working on his high school newspaper and yearbook and in 1933, he entered the University of Texas at Austin to study political science, economics and journalism. He never graduated. He took a part time job at the Houston Post and left college to do what he loved: report."

<<http://www.cbsnews.com/stories/2009/07/17/eveningnews/main5170556.shtml>>

In 1963, it was Cronkite who broke into the soap opera "As the World Turns" to announce that the president had been shot -- and later to declare that he had been killed." CBS called it a "defining moment for Cronkite, and for the country. His presence -- in shirtsleeves, slowly removing his glasses to check the time and blink back tears -- captured

both the sense of shock, and the struggle for composure, that would consume America and the world over the next four days."

One of Cronkite's enthusiasms was the space race. In 1969, when America sent a man to the moon, he couldn't contain himself. "Go baby, go." he said as Apollo XI took off. He ended up performing what critics described as "Walter to Walter" coverage of the mission -- staying on the air for 27 of the 30 hours that astronauts Buzz Aldrin and Neil Armstrong were on the moon. In 2006, NASA honored Cronkite by giving him their Ambassador of Exploration Award. "His marathon, live coverage of the first moon landing brought the excitement and impact of the historic event into the homes of millions of Americans and observers around the world," NASA said in a news release announcing the award. Cronkite was the first non-astronaut and only NASA outsider to receive the award. <<http://www.arrl.org/?artid=6130>>.

Steve Mendelsohn, W2ML, was Cronkite's radio engineer at CBS for many years. "I had many chances to discuss my favorite hobby, ham radio, with 'the world's most trusted anchor man,'" he told the ARRL. "Gradually, his interest increased, but on finding that he had to pass a Morse code test, he balked, saying it was too hard for him; however, he told me he had purchased a receiver and listened to the Novice bands every night for a few minutes. At the CBS Radio Network, Walter would arrive 10 minutes before we went on the air to read his script aloud, make corrections for his style of grammar and just 'get in the mood' to do the show. In those days Rich Moseson, W2VU, was the producer of a show called "In the News," a 3 minute television show for children voiced by CBS Correspondent Christopher Glenn. On this day, Rich was at the Broadcast Center to
(CONTINUED ON PAGE 10)

ARRL Atlantic Division News.....

Atlantic Division News
July 26, 2009
Bulletin 2009-06

**** News ****

The ARRL Board Meeting was held last weekend in Connecticut and some very positive things came from this meeting.

First, congratulations to former WNY Section Manager, Bill Thompson W2MTA, who was awarded the Joe Knight Distinguished Service Award by the ARRL Board for his guidance and elmering of the Field Organization within Western New York and for his long term service as the NTS Eastern Area Staff Chair. This motion was unanimously approved at the board meeting.

Additionally, there was a motion made and approved for the ARRL to form an ad-hoc committee to study the ambiguities in certain regulations applicable to the amateur service engaged in disaster communications and public service events and that it would be helpful for the amateur community and others to understand the ramifications of providing amateur radio communication services. This committee is charged with studying the issue and to prepare guidelines for use by the amateur community and others to identify the inappropriate use of amateur radio. That ad-hoc committee was formed and is to submit its findings and recommendations to the Executive Committee within 30 days.

In keeping with several of the

FCC's reasons for Amateur Radio in Part 97, the ARRL Board authorized the formation of a committee for the study of narrowband channels and to consider developing a plan to move the US amateur community to narrowband spacing for VHF/UHF frequencies. It is my opinion and position that the ARRL Board recognizes that it would be expensive to modify amateur VHF/UHF repeaters and the majority of VHF/UHF amateur radios so as to permit narrowband operation. I don't see this proposal looking to make this equipment obsolete.

**** PA Act 88 Webinar ****

The Atlantic Division is sponsoring a webinar on PA Act 88 -- An update. The speaker is ARRL Volunteer Counsel, Mike Lazaroff K3AIR.

PA Act 88 is Pennsylvania's version of the Federal PRB-1, and now that Pennsylvania's Act 88 has been in force since December 2008, you should hear an update about this new law.

Mike, a Pennsylvania attorney, will be giving an update on how Act 88 affects amateur radio legislation within the Commonwealth of Pennsylvania. There have been several occasions where this newly enacted legislation has assisted amateurs within Pennsylvania.

Although this deals with Pennsylvania, any interested amateur radio operator is welcome to join in. To register, please go to the following website:

< <https://www1.gotomeeting.com/register/328839329>>

**** MDC QSO Party 20 Consecutive Year Anniversary ****

Congratulations to the MDC Section on the 20th Consecutive Year Anniversary of the MDC QSO Party! For the last 20 years though, the Antietam Radio Association sponsored the party and they have done a wonderful job. Yet, 2009 will be the last year of the Modern MDC QSO Party under Antietam Radio Association's primary sponsorship. The Anne Arundel Radio Club will be the sponsor for the MDC QSO Party for the next 10 years.

The MDC QSO Party this year will be on August 8th and 9th. For more information check out the following website:
< www.w3cwc.org/funcontest.htm>

**** New Committee Formed to Seek New Amateur Radio Operators ****

The Atlantic Division has formed a new working committee with Riley Hollingsworth K4ZDH as its Chairman. This committee has been tasked with identifying prospective new amateur radio operators and then developing ways we can reach these prospective hams.

(CONTINUED ON PAGE 9)

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

The ARES program has the following vacancies: **North 1 District Emergency Coordinator**, Cameron County Emergency Coordinator, **Potter County Emergency Coordinator**, Somerset County Emergency Coordinator. For more information please contact John Szwarc at [<n3spw@arrl.net>](mailto:n3spw@arrl.net). Another important item for the ARES program will be conducted on Saturday August 15th at 10 AM. There will be a section-wide breakfast meeting for all WPA Section Emergency Coordinators and District Emergency Coordinators. Assistant EC's are encouraged to attend as well. The breakfast will be held at Plyler's Pizza & Family Restaurant, 234 Allegheny Blvd in Brookville. Please RSVP to the Section Emergency Coordinator John N3SPW at [<n3spw@arrl.net>](mailto:n3spw@arrl.net). This will be a valuable source of information as well as networking for the participants. I am asking that every county show that they are interested in working within the ARES program by attending or having an assistant attend this meeting. Show your support and willingness to be a part of the team by participating in the meeting.

Field day is behind us and many of the club scores have been submitted. I was surprised at the low number of messages that I received for the bonus points of sending a report to the section manager. To those clubs that did send the message, congratulations on the bonus and thanks for using the traffic system. I personally am looking forward to October with the PA QSO Party operating event and also the Jamboree On The Air for the scouting program. In September I will be attending a meeting in Harrisburg with regard to PEMA and emergency communications that will be part of the program for the Commonwealth of Pennsylvania. I will be reporting on this issue as more information becomes available. One other representative from WPA will be selected by me to also attend.

This weekend is the Somerset ARC hamfest on Sunday July 19. I hope to get the chance to talk with those attending as to issues that have questions about. At the same time the directors, vice directors and officers of the ARRL will be holding the Board meeting in Connecticut. There is much on the agenda there so watch for the minutes on the ARRL webpage and from your local leaders. On August 23 the Skyview ARC will hold their annual hamfest and

also the WPA section convention. Be sure to try one of Bob "Cooky's" Sky-Burgers for a true delicacy. Food is always great and also a fun day. I also have been assured by "ZED" that Andrew will not be making an appearance.

Please join a traffic net and gain valuable emergency experience in passing information. The section net is held daily at 6 PM local time on 3983 KHz.

73, John Rodgers, N3MSE
ARRL WPA Section Manager

ARRL Atlantic Division News (con't)

This committee is looking for some good committee members who are willing to be working members. If you would like to be a part of this committee, please send an email with your name, call sign and a brief statement with your qualifications for this committee to [<n3llr@arrl.org>](mailto:n3llr@arrl.org).

73, Bill Edgar N3LLR, Atlantic Division Director

Tom Abernethy W3TOM, Atlantic Division Vice-Director



On The National Front.....(con't)

record Chris' voice for his show and had dropped by my control room to discuss some upcoming ARRL issues." At the time, Mendelsohn was the ARRL Hudson Division Director.

"When Walter walked into the studio, I started to set the show up at the behest of our director, Dick Muller, WA2DOS" Mendelsohn recalled. "In setting up the tape recorders, I had to send tone to them and make sure they were all at proper level. Having some time, I grabbed "The New York Times" and started sending code with the tone key on the audio console. For 10 minutes I sent code and noticed Walter had turned his script over and was copying it. We went to air, as we did every day, at 4:50 PM and after we were off, Walter brought his script into the control room. Neatly printed on the back was the text I had sent with the tone key. Rich and I looked at the copy, he nodded, and I told Walter that he had just passed the code test. He laughed and asked when the formal test was, but I reminded him that it took two general class licensees to validate the test and he had just passed the code. Several weeks later he passed the written test and the FCC issued him KB2GSD."

Mendelsohn helped Cronkite make his first Amateur Radio contact: "Having passed the licensing test, Walter was now ready to get on the air. His first QSO was on 10 meters about 28.390 MHz. He was nervous and I called him on the phone to talk him through his first experience. As we talked on the air, a ham from the Midwest come on and called me. Acknowledging him, I asked the usual questions about where he was from, wanting to give Walter a bit of flavor of what the hobby was about. I turned it over to Walter, and following his introduction, the gentleman in the Midwest said, 'That's the worst Walter Cronkite imitation I've ever heard.' I suggested that maybe it was Walter and the man replied, 'Walter Cronkite is not even a ham, and if he was, he certainly wouldn't be here on 10 meters.' Walter and I laughed for weeks at that one."

In 2007, ARRL Hudson Division Director Frank Fallon, N2FF, presented Cronkite with the ARRL President's Award. This award, created in 2003 by the ARRL Board of Directors, recognizes an ARRL member or members who "have shown long-term dedication to the goals and objectives of ARRL and Amateur Radio" and who have gone the extra mile to support individual League programs and goals. Cronkite was selected to receive the award in April 2005 in recognition of his outstanding support of the ARRL and Amateur Radio by narrating the videos "Amateur Radio Today" and "The ARRL Goes to Washington" (<http://www.arrl.org/pio/VTs-video.wmv>.) "It was quite a thrill to make this presentation to Cronkite," Fallon said. "He has long been recognized as the 'most trusted man in America,' so lining our causes to his face, name and voice has been a great help."

⇒ **Space Shuttle Endeavour to Deploy Student-Built Satellites**

The space shuttle Endeavour is due to land Friday, July 31, but before it leaves orbit it will deploy four student-built satellites, all with telemetry downlinks in the 2 meter, or 70 cm, amateur bands.

The twin spherical satellites -- named Castor and Pollux -- were designed by students in cooperation with the Naval Research Laboratory as part of the Atmospheric Neutral Density Experiment (ANDE). Both satellites will transmit 1200-baud packet radio telemetry on 145.825 MHz. Hams are encouraged to submit telemetry reports with special QSLs and mission patches planned. Check the ANDE Web site, <http://www.nasa.gov/mission_pages/station/science/experiments/STP-H2-ANDE.html> for updates.

Castor and Pollux will carry an FX.25 experiment that adds Forward Error Correction to standard AX.25 packets. The hope is that FX.25 will improve communication efficiency while still being compatible with existing packet equipment. The satellites will also occasionally run GMSK/FX.25 modulation experiments at 9600 baud.

In addition to Castor and Pollux, Endeavour will also deploy student satellites from the University of Texas and Texas A&M.

(CONTINUED ON PAGE 12)

A photograph of two men standing in front of a dark background. The man on the left is wearing a blue button-down shirt and glasses, looking down at a cardboard box he is holding. The man on the right is wearing a yellow polo shirt and glasses, looking towards the camera and smiling. They are both holding the same cardboard box, which has some text and a logo on it. The background is dark, and there is a red structure visible behind them.

Congratulations goes out to our very own Mac, W3MAC, who was top winner in one of the SCARC (East) hamfest raf-fles. That's a Yaesu FT-7900R he's taking possession of, from Stew, AK3J member of both SCARC 'West' (us) and SCARC 'East', the Somerset County ARC.

[illegible]

I understand that the hamfest was quite successful. Congrats to our sister SCARC club for putting on another successful show!

**East meets west:
The SCARC West
gang as seen at the
recent SCARC
(Somerset County
ARC) Hamfest. From
left to right, that's
Mac, W3MAC, lucky
recipient of a brand
new Yaesu FT-
7900R, Walt,
KA3YNO, Karl,
WA3VXJ, Mel,
WA3RVD, Stew,
AK3J and Nathan,
W3SVJ**

>>>>>>>>>>>>>>>>



On The National Front..... (con't)

The tiny picosatellites, christened BEVO-1 and AggieSat2 respectively, are part of an ambitious experiment that will ultimately culminate in autonomous docking of picosats in orbit. For this mission, however, BEVO-1 and AggieSat2 will launch as one unit and then separate to collect position data and test a new NASA Global Positioning System receiver known as DRAGON.

BEVO-1 will transmit Morse code beacons (20 WPM) or packet radio data telemetry at 437.325 MHz. AggieSat2 will beacon at 436.250 MHz. The satellites will primarily transmit 9600-baud packet telemetry when over the United States. As with Castor and Pollux, reception reports are welcome.

Orbiting at a relatively low altitude of 185 miles, these satellites should be easy to receive with standard FM transceivers and omnidirectional antennas. They should enjoy an operational life of 3-6 months and will likely re-enter the Earth's atmosphere within a year.

The Prez Sez.....

The biggest and maybe the best thing coming up is our Annual Corn Roast!! So mark your calendars and plan to attend. Hope we get a nice day but even if the weather does not cooperate...who cares! This will be a gathering of good folks sharing good eats, some laughs and just a nice time! Don't forget that family members are always welcome so please do bring them along!

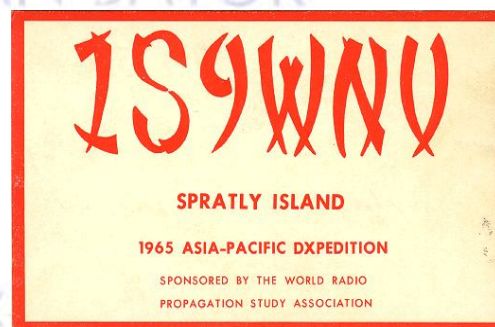
SCARC will provide burgers, dogs, pop and CORN! Bring along a favorite side dish to share with and impress everyone with your culinary prowess!

I hope to see you Sunday August 30, 2009. If we start to gather on the hill about 1 PM, this will give everyone time to sleep in or do whatever you want or like to do in the morning and leave us enough of the day to enjoy a great time!

Now for something completely different.

Improving things around the club is a task that is forever changing and evolving. Changes can make things easier and at times tougher. We have a great location and some pretty nice equipment to play with. Given our space limitations at the present time, what suggestions or ideas can you come up with to make operating more fun? Got an idea to make operating easier? Helpful hints? Suggestions? Objections? Concerns?

Jot your ideas down or email me and let me hear from you. I really would like to hear from the membership on how we can improve the operating conditions at the club. After all, the club is there for all of us to use and enjoy.



July 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	

August 2009

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		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 NA QSO Party CW ARRL UHF Contest 10-10 Int. Summer QSO Party SSB European HF Championship CW/ SSB
2 NA QSO Party CW ARRL UHF Contest WASH Sun. Net SARL HF Contest SSB	3 Breezeshooters Net	4 WACOM 2M Net WACOM 10M Net ARS Spartan Sprint - CW	5 SCARC Social Nite Alleg Co. ARES Net	6 SkyView 2M Net 10 meter NAC - CW/ SSB/FM/Digi WACOM Meeting	7 NCCC Sprint - CW	8 Worked All Europe DX-Contest - CW Maryland-DC QSO Party
9 Worked All Europe DX-Contest - CW WASH Sun. Net Maryland-DC QSO Party SKCC WeekEnd Sprint - CW	10 Breezeshooters Net	11 WACOM 2M Net WACOM 10M Net	12 SCARC Social Nite Alleg Co. ARES Net NAQCC Straight Key/Bug Sprint NHARC Meeting	13 SkyView 2M Net NAC 50 MHz (Aktivitetsstest) RSGB 80 m Club Sprint - CW WASH Meeting	14 NCCC Sprint - CW	15 NA QSO Party - SSB ARRL 10GHz + Test SARTG WW RTTY Contest Feld-Hell Club Sprint NJ QSO Party
16 NA QSO Party - SSB ARRL 10GHz + Test WASH Sun. Net SARTG WW RTTY Contest NJ QSO Party	17 Breezeshooters Net	18 SCARC Business Meeting WACOM 2M Net WACOM 10M Net	19 Alleg Co. ARES Net	20 SkyView 2M Net	21 NCCC Sprint - CW	22 Hawaii QSO Party Ohio QSO Party
23 SkyView Hamfest/ ARRL WPA Convention WASH Sun. Net Hawaii QSO Party Ohio QSO Party	24 Breezeshooters Net	25 WACOM 2M Net WACOM 10M Net	26 SCARC Social Nite Alleg Co. ARES Net SKCC Straight Key Sprint RSGB 80 m Club Sprint - SSB	27 SkyView 2M Net	28 NCCC Sprint - CW	29 ALARA Contest - CW/SSB SCC RTTY Championship WASH Breakfast YO DX HF Contest - CW/SSB
30 SCARC CornRoast ALARA Contest - CW/SSB SCC RTTY Championship YO DX HF Contest - CW/SSB SARL HF Contest - CW	31 Breezeshooters Net					

August 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					

September 2009

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						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 WACOM 2M Net WACOM 10M Net	2 SCARC Social Nite Alleg Co. ARES Net	3 SkyView 2M Net WACOM Meeting 10M NRAU Activity Test	4 G3ZQS Memorial Straight Key Sprint (thru 9/6)	5 All-Asian DX Contest SSB Russian RTTY Contest CO QSO Party IARU Region 1 FD RSGB SSB FD
6 WASH Sun. Net All-Asian DX Contest SSB CO QSO Party IARU Region 1 FD RSGB SSB FD TN QSO Party	7 Labor Day Breezeshooters Net TN QSO Party MI-QRP Labor Day Sprint CW	8 WACOM 2M Net WACOM 10M Net MI-QRP Labor Day Sprint CW ARS Spartan Sprint CW	9 SCARC Social Nite Alleg Co. ARES Net NHARC Meeting	10 SkyView 2M Net WASH Meeting NAC 50MHz Activity Test RSGB 80M Sprint SSB	11 Jay Hudak KA3X Memorial 070 Club 80M Sprint (also 9/ 12)	12 WAE DX Contest SSB ARRL VHF QSO Party AR QSO Party QRP ARCI VHF Test Swiss HTC QRP Sprint CW
FISTS Straight Key Week						
13 WAE DX Contest SSB ARRL VHF QSO Party Butler Co. ARC SwapFest WASH Sun. Net AR QSO Party NA CW Sprint QRP ARCI VHF Test	14 Breezeshooters Net	15 SCARC Business Meeting WACOM 2M Net WACOM 10M Net	16 Alleg Co. ARES Net MOON Contest CW/ SSB/Digi	17 SkyView 2M Net NAQCC Straight Key/Bug Sprint	18	19 SC QSO Party CIS DX RTTY Test Scandinavian Activity Test ARRL 10GHz + Test Feld-Hell Club Sprint QCWA QSO Party
20 WASH Sun. Net SC QSO Party CIS DX RTTY Test Scandinavian Activity Test ARRL 10GHz + Test QCWA QSO Party NA SSB Sprint	21 Breezeshooters Net Run For The Bacon QRP Test CW	22 WACOM 2M Net WACOM 10M Net	23 SCARC Social Nite Alleg Co. ARES Net SKCC Straight Key Sprint RSGB 80M Sprint CW	24 SkyView 2M Net	25	26 CQ WW RTTY Test WASH Breakfast Scandinavian Activity Test JLRS Party Test TX QSO Party FIST Clubs QSO Party
27 CQ WW RTTY Test WASH Sun. Net Scandinavian Activity Test JLRS Party Test TX QSO Party FIST Clubs QSO Party	28 Breezeshooters Net	29 WACOM 2M Net WACOM 10M Net	30 SCARC Social Nite Alleg Co. ARES Net			

QST QST QST



Club will provide Burgers, Dogs,

Pop and of course CORN!

Bring a fave side to share and don't forget

family are always welcome!

Kilo Watt Harmonics

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



**NEXT
MEETING:
AUG. 18
8PM**



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

<www.w3kwh.com>



CornRoast this month! August 30, 1PM at the Clubhouse. Bring along your favorite dish if you wish. Bring along the XYL & kids too!! (or not!)

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