

Kilo Watt Harmonics

July 2011

Issue #7

Price: FREE!



THE OFFICIAL HOUSE ORGAN OF THE STEEL CITY
AMATEUR RADIO CLUB, PITTSBURGH, PA.

www.w3kwh.com



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Our next meeting date: July 19, 8PM.
Come for the meeting, stay for the fine
dining and friendly socializing afterwards.

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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 AMATEURS ARE WELCOME TO ATTEND BOTH. COME JOIN THE CLUB! E-MAIL AN OFFICER FOR DETAILS.

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July 2011

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Amateur Radio Club (SCARC)

Editor: Greg Babin, NB3C.

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

All newsletter contributions are welcome at:
<kq3dx@hotmail.com>

Past issues are available at:
<www.w3kwh.com>

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

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

SCARC is an ARRL-affiliated organization.

Membership is open to all licensed amateurs in the Pittsburgh area.

PLEASE KEEP ME IN THE LOOP ON LOCAL NEWS/ EVENTS. REMEMBER: JUST BECAUSE YOU KNOW WHAT'S GOING ON DOESN'T MEAN I KNOW WHAT'S GOING ON!

NEXT ARTICLE DEADLINE: FRI., AUG. 5, PUBLICATION DATE: SUN., AUG. 7

The Steel City Amateur Radio Club (412) 787-0777
2M Repeater: 147.030/147.630MHz (123.0)
70cm Repeater: 444.450/449.450MHz (103.5)
ATV Repeater: 426.250MHz (Currently off-line.)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW)
WA3TTS Beacon: 1296.269MHz (CW) (See page 7)

FRONT COVER: Just a collage of QSL cards I made up.
BACK COVER: A shot of the PVGP by me many moons ago.

THANKS TO THE FOLLOWING FOR YOUR CONTRIBUTIONS THIS MONTH:

K3RYA, WA3FWA, N3MSE,
ARRL, W3SVJ, AB3ER, W3WN,
425 DX NEWS, OHIO/PENN DX
BULLETIN, WB3HDI, W3UR,
NB3C's mother. (Thanks mom.)

Business Meeting minutes: June 2011

The meeting was conducted by the President Bob, WB3HDI at 8 PM with a Pledge of Allegiance followed by a moment of silence for our Silent Keys. There were 22 members and 7 guests present. The minutes of the May meeting were accepted as published in the June newsletter. The Treasurer's report was given by the Treasurer KA3YNO, Walt and was accepted by the membership. Walt mentioned that the report includes money from the Ways and Means Committee which includes the pop and 50/50 raffle income.

Committee Reports

- ⇒ **Clubhouse:** WA3VXJ Karl cut the grass and reported that K3JHT John is working the kitchen for tonight's meeting. W3SVJ Nate said that the shed has been reworked to accommodate the lawn tractor. He will also bring his generator for Field Day and will probably get the propane for the stationary generator. Funds were appropriated for Field Day and for weed killer to halt encroaching vegetation. Bob WB3HDI reported that the VHF room needs only some trim paint but is in operation. The trenches are filled in on the studio side.
- ⇒ **Technical:** WB3HDI Bob said that the 222MHz radio is up and running. Everything is good to go for Field Day.
- ⇒ **Contest:** Field Day is this weekend at the clubhouse using generator power and funds have been allocated. The June VHF contest netted 159 QSOs for 16k + points for our effort reported NB3C Greg.
- ⇒ **Membership:** NB3C Greg gave the 1st reading for prospective members KB3REE Ken and WB3JLK Rich, 2ed reading for Jim and Ian (no calls) and 3rd reading for KJ3D Jim and former member AD3Q Bob. Jim and Bob were both voted into the membership. Welcome!
- ⇒ **Newsletter:** NB3C Greg, made his usual plea for more local and Public Service news for the newsletter.
- ⇒ **Public Service:** KA3MSE Lloyd gave ARES application info.
- ⇒ **Volunteer Exams:** N3EQP John has VE manuals. AD3Q Bob volunteered to be the VE coordinator if some one will write for him as his hand is not operable for writing.
- ⇒ **Ways and Means:** WA3FWA Joe will collect the outgoing QSL cards and run the 50/50 raffle. Six tickets from the Rennerdale VFD that were for a donation to them, will be secondary prizes in the 50/50 raffle. Joe forgot to mention the 2 certificates received from the Breeze Shooters 10 meter ground wave contest and one from the ARRL for a VHF contest.
- ⇒ **Old Business:** KB3GMN Carol asked about the air conditioner situation. It is unlikely that a free AC unit from AI3V Mark would be installed in a timely manner. It was decided to get a bid on a new system from member NU3S AI first and then go outside for other bids if he could not work us into his schedule. The President would call a special meeting on the club e-mail reflector to get approval of any bids.
- ⇒ **New Business:** N3EQP John has info from the FCC in the library.
- ⇒ **Motion to adjourn:** By KB3GMN Carol.
- ⇒ **50/50 raffle won by:** N3GHO Gloria. 6 tickets for the VFD were also drawn.

Minutes submitted by Recording Secretary WA3FWA Joe.



Meeting schedule: Next meeting will be held on July 19. The August meeting will be on August 16. Our business meetings start @ 8PM. CU there!

You know you're a hard-core ham when: You take your kids (or grand-kids) to the latest "Transformers" movie, and are disappointed that there aren't any, you know, 'transformers' in it.

I usually don't put stuff in here if it's not radio-related, but this one is too darn funny to pass up! Follow this link: www.selfcontrolfreak.com/slaan.html. Move your mouse arrow near the guy's head and watch what happens. Hilarious! Make sure the sound is on, too!

July is a busy month with hamfests. The EPA section Convention was held on July 2 near Harrisburg. On July 9 the Union City and Wattsburg club will again be holding their annual hamfest near Erie. Additional info for this hamfest is available at <<http://www.wattsburg-wireless.us/hamfest.htm>>.

On July 10 the North Hills ARC will be conducting their hamfest. The hamfest is at a new location this year with many exciting changes. You can view the hamfest flyer at <http://nharc.org/links/2011_hamfest_flyer_final_copy.pdf>

July 17 finds us at the Somerset hamfest. Their hamfest flyer is available at <<http://k3smt.org/hamfest/HamfestFlyer2011.pdf>>. Once again this year will be a demonstration of the NBEMS program with Harry Bloomberg W3YJ and Dave Kleber, our resident experts, available to help with any problems or questions. This platform is growing in popularity and is quite flexible. It is the digital mode of choice for the W. Pa. section.

Finally on July 31, we will be at the Foothills ARC hamfest in Greensburg. Additional info is available at <<http://www.arrl.org/hamfests/farc-hamfest>>

I plan on being at all the hamfests again this year so stop by the ARRL table and say 'hello'. Don't forget on August 28 the WPA section convention will be once again at the Skyview Radio club grounds in conjunction with their annual hamfest. You can find information regarding hamfests in the various areas of the country by going to <<http://www.arrl.org/hamfests-and-conventions-calendar>>. We are fortunate to have several hamfests in our section throughout the year.

Congratulations go out to the Quad County Amateur Radio club in their renewal to once again become a Special Services club. Thanks to all those that took the time to update and be reinstated as a SSC.

Larry Keller, AB3ER and others have done a terrific job of updating the ARES website for the section. I sent a message recently about this update and that we have created our own ARES registration form and database. Please check out the website and when it is time for your district we ask you to take a few moments and register so we can get an accurate listing of hams in the ARES program.

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 6 PM now that the time change has taken place. 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 also 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 lets all get Radio Active.

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

The July W. Pa. section news
appears on page 14.



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ARRL'S EMERGENCY COMMUNICATIONS ADVISORY COMMITTEE MOVES FORWARD WITH MDEC PLANS

At the 2007 Annual Meeting of the ARRL Board of Directors, the ARRL National Emergency Response Planning Committee -- led by then-ARRL Vice President Kay Craigie, N3KN -- presented a report to the Board that outlined how the League should respond to emergencies. One of the key concepts proposed by the committee was the Major Disaster Emergency Coordinator (MDEC) appointment. The idea was to have a manager who would coordinate Amateur Radio operations, operators and resources in supporting served agencies during a major disaster relief operation when Section and Regional ARES® assets are overwhelmed, similar to operations performed in the Hurricane Katrina response. The MDEC's line of authority would be derived from the ARRL's Emergency Preparedness Manager -- currently Mike Corey, W5MPC -- and would parallel the affected area's Section Managers. The MDEC position was envisioned to be a continuous appointment, but would only be active when called upon by the Emergency Preparedness Manager.

The ARRL Emergency Communications Advisory Committee (ECAC) -- established at the 2010 Annual Meeting -- is currently drafting appointment protocols and requirements for the MDEC. As presently conceived by the committee, there will be several MDECs geographically arranged by each ARRL Division. The geography, and hence the actual MDEC headcount, is being determined at this time. The committee will report its recommendations and draft appointment guidelines to the ARRL's Programs and Services Committee.

The report recommended that the MDEC be responsible for the "establishment of an as-needed emergency communications structure -- the Disaster Field Team -- designed to fulfill served agency requests and/or augment the existing Field Services structure established by the Section Manager." The Disaster Field Team (DFT) would be assembled from the ARRL national ARES® database. The purpose of the DFT would be to provide support for the infrastructure of relief organizations bringing resources into the disaster zone, and cannot be served by the local Field Organization. The MDEC function has been tested in exercises with served agencies and ARES® with success.

ECAC members are exceptionally qualified and recognized members of the Emergency Communications community. ECAC members include: Chairman Dale Williams, WA8EFK (Great Lakes); Jim Cross, WI3N (Atlantic); Bill Niemuth, KB9ENO (Central); Jim Zahradnick, KD0S (Dakota); Jim Coleman, AI5B (Delta); Jim Mezey, W2KFV (Hudson); Reynolds Davis, K0GND (Midwest); Dave Colter, WA1ZCN (New England); Gordon Grove, WA7LNC (Northwestern); James Latham, AF6AQ (Pacific); Charlie Miller, AE4UX (Roanoke); Jeff Ryan, K0RM (Rocky Mountain); Rick Palm, K1CE (Southeastern); Grant Hays, WB6OTS (Southwestern); Glen Reid, K5FX (West Gulf); and Doug Mercer, VO1DTM (Radio Amateurs of Canada). The Board liaison is Mickey Cox, K5MC, and the ARRL HQ liaison is Emergency Preparedness Manager Mike Corey, W5MPC.

ARRL, NATIONAL WEATHER SERVICE UPDATE MEMORANDUM OF UNDERSTANDING

The National Weather Service (NWS) has updated its Memorandum of Understanding (MoU) with the ARRL (scroll below to access a link to the document). The updated MoU serves "as a framework within which volunteers of the ARRL may coordinate their services, facilities and equipment with the NWS in support of nationwide, state and local early weather warning and emergency communications function." In May, ARRL President Kay Craigie, N3KN, signed on behalf of the ARRL, and in June, NWS Office of Climate, Water and Weather Services' Director Dave Caldwell signed on behalf of the NWS. The ARRL and the NWS have had a formal working arrangement since 1986.

The NWS, in the MoU, acknowledges that Amateur Radio operators can be of valuable assistance in early severe weather warning and tornado spotting. Through its SKYWARN program, the NWS recognizes that Amateur Radio operators have assisted as communicators

and weather spotters since the program began in the late 1960s. "In areas where tornadoes and other severe weather have been known to threaten, the NWS recruits volunteers and trains them in proper weather spotting procedures," the MoU states. "These dedicated citizens help keep their local community safe by conveying severe weather reports to their local NWS forecast office. SKYWARN spotters are integral to the success of our nation's severe weather warning system."

"All the National Weather Service personnel I've met throughout the country have told me how much they respect and depend on the Amateur Radio SKYWARN volunteers in their forecast areas," Craigie said. "This year's weather disasters underscore the importance of amateurs becoming trained severe weather spotters and participating in SKYWARN. It's a pleasure for me to work with the National Weather Service, both as an ARRL official and as a local SKYWARN volunteer."

Through the MoU, the ARRL will encourage its Field Organization, including ARES®, to "contact and cooperate with National Weather Service Warning Coordination Meteorologists for the purpose of establishing organized SKYWARN networks with radio amateurs serving as communicators and spotters." The ARRL will also encourage its Section management teams "to provide specialized communications and observation support on an as-needed basis for NWS offices in other weather emergencies, such as hurricanes, snow and heavy rain storms, and other severe weather situations." In turn, the NWS will work with ARRL Section ARES® volunteers to establish SKYWARN networks, and/or other weather emergency and alert systems.

"The relationship between the National Weather Service and the ARRL has been a model partnership for many years," said ARRL Emergency Preparedness Manager Mike Corey, W5MPC. "The renewal of this MoU emphasizes the value of Amateur Radio to the NWS mission."

SPACE WEATHER PREDICTION CENTER TO CONTINUE BROADCASTS ON WWV AND WWVH

In April 2011, the Space Weather Prediction Center (SWPC) informed the public that as of September 6, 2011, it would no longer broadcast its geophysical alert message on WWV and WWVH. The ARRL has now learned that the SWPC has changed its mind and will keep broadcasting these messages that inform listeners of the solar flux, the mid-latitude A and K indices and space weather storms, both current and predicted. Due to listener feedback, the SWPC is considering updating the broadcast; in addition to providing the current daily solar flux at 2800 MHz, the SWPC is evaluating adding more frequent observations at 2695 MHz. According to the SWPC website, other improvements to the message content will also be evaluated.

- ⇒ [UK SOVEREIGN BASE AREAS ON CYPRUS, ZC](#). Mike, KF6RCP is QRV as ZC4MIS for the next four months while on holiday. Activity is mainly on 20 meters using SSB, PSK31 and JT65. QSL to home call.
- ⇒ [SPECIAL EVENT DATE CORRECTION](#). It was reported in last month's column that special event stations in Japan using 8J1MORSE are active to celebrate the 220th birthday of Samuel F.B. Morse. The call signs are valid until November 30, 2011, NOT December 31, 2011.
- ⇒ [ST. LUCIA, J6](#). Howard, WB4WXE will be QRV as J68HS from June 25 to July 15. Activity will be on 160, 40, 17, 12 and 6 meters. QSL to home call.
- ⇒ [FRANCE, F](#). Special event station TM98TF is QRV until July 14 to celebrate the 98th running of the Tour de France. Activity is on all HF bands using CW, SSB and digital modes. QSL via F6KUF.
- ⇒ [FRENCH GUIANA, FY](#). Jean-Pascal, F5TND is QRV as FY5LH until July 29, 2012. Activity is on 40 to 10 meters using SSB, RTTY and PSK. QSL via F5KDH.
- ⇒ [DOMINICA, J7](#). Mike, VE2XB will be QRV as J79XB beginning July 6 for several weeks. Activity will be on all HF bands, and possibly 6 meters. QSL to home call.
- ⇒ [LITHUANIA, LY](#). Special event station LY53SOP is QRV during the month of July to commemorate the 53rd year of the Sea of Peace award. QSL via LY5W.
- ⇒ [SWEDEN, SM](#). Anders, SM5EFX is QRV as SF2X/p from Ledskar until August 1. QSL to home call.
- ⇒ [VANUATU, YJ](#). Andy, P29CS is QRV as YJ8A from Efate Island, IOTA OC-035, until July 17. QSL via M0URX.
- ⇒ [BELIZE, V3](#). Colin, KU5B will be active as V31UB between August 5 and 10. Activity will be on 80 to 6 meters, and possibly 160 meters, using CW, SSB and the digital modes. Look for him in the NAQP CW Contest, August 6 and 7. QSL via LoTW, or to KU5B.
- ⇒ [LORD HOWE ISLAND, VK9L](#). Members of the Hellenic Amateur Radio Association of Australia will activate Lord Howe Island (OC-004) as VK9HR between July 23 and August 2. Activity will be on CW, SSB and RTTY, on 160 to 6 meters. QSL via EB7DX.
- ⇒ [UNITED STATES, W4](#). The Coastal Amateur Radio Team (CART) of Bryan County, Georgia, has the honor of providing communications for the Ft. McAllister Sport Fishing Club's Wounded Warrior Fishing Rodeo on August 20. CART will also run special event station, W4W, from 2000z, August 19, to 2000z, August 21, in honor of our wounded warriors. Operation will be on 20 meters using SSB and CW. QSL to AF4MI direct with SASE.
- ⇒ [BRAZIL, PT](#). Orlando, PT2OP will be active from the Chui lighthouse (ARLHS BRA-024, RS-DFB 13) as PQ3C from July 17 to 20. He'll be on SSB only on 40 through 10 meters. QSL via home call.
- ⇒ [CYPRUS, 5B](#). Zoli, HA5PP will once again be active as 5B/HA5PP during the CQWW DX SSB Contest (October 29-30) as a Single-Op/All-Band entry. QSL via HA5PP. There may be some 6 meter activity outside of the contest.

'DX world' news is gleaned from various issues of the ARRL DX Bulletin & is ©2011, ARRL.

- ⇒ [MALAWI, 7Q](#). Malcolm, GM3TAL is currently operating as 7Q7MH from the Malawi Scout Site at Makwawa. Look for activity on 20, 17, 15 and 10 meters and possibly 6 meters, using CW and SSB. QSL via G0IAS direct only, with sufficient funds for a return.
- ⇒ [NAURU, C2](#). Pekka, OH2YY hopes to be active as C21YY between July 11 and 20. Activity will be SSB only using a 2-element tribander beam and dipole antennas for 40, 17 and 12 meters. QSL via home call.
- ⇒ [FRENCH GUIANA, FY](#). Jean-Pascal, F5TND is active as FY5LH until July 29, 2012. Activity has been on 40 to 10 meters using SSB, RTTY and PSK. QSL via F5KDR.
- ⇒ [ITALY, I](#). Lucio, IK8EJN and possibly other operators from ARI Termoli will be active as IL7A from the Tremiti Islands during July and August. QSL via home call.
- ⇒ [COSTA RICA, TI7](#). David, K2DBK will be active as TI7/K2DBK from July 10 to 17. Activity will be holiday style with most of his operating to take place in the late afternoon local time. Operations will be SSB only on 20 to 10 meters and possibly 6 meters. QSL via home call.



Propagation Report

Average daily sunspot numbers for the past week dropped less than a point (from 42 to 41.6) compared to the previous week, and average daily solar flux was down over 5 points to 86.2.

Predicted solar flux for the near term is lower than of late, with values at 88 for July 8, 90 on July 9-11, 92 on July 12-13, 94 on July 14 then 90 on July 15-17, then 88 on July 18-21 and 86 on July 22-29.

Predicted planetary A index for July 8-13 is 7, 10, 5, 5, 7, and 7, followed by 5 on July 14-18. This is followed by a rise in geomagnetic activity on July 19-24 with planetary A index at 7, 8, 12, 15, 10 and 7. (CONTINUED ON PAGE 13)

Local events needing our support

- ⇒ 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.
 - ⇒ Somerset County ARC Hamfest, July 17 @ the Somerset Technology Center.
<www.k3smt.org>
 - ⇒ Skyview Hamfest, August 28. ARRL W. Pa. 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 9. Rostraver Central Volunteer Fire Hall.
<<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 date ASAP.
- I'll confirm dates as we get closer to each event. Send any corrections & additions to me:
<KQ3DX@hotmail.com>

Field Day 2011

WOW.....What a Field Day we had! Over 2000 QSOs in the book! **WE EVEN MADE A SATELLITE QSO ON FO-29!**

Here's the breakdown:

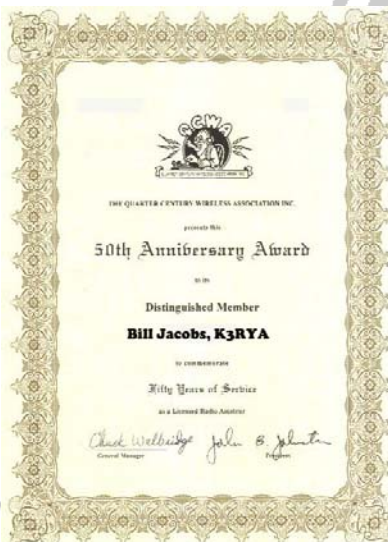
Band:	QSO Count:
160M	0
80M	158
40M	598
20M	469
15M	570
10M	214
VHF/UHF	33

TOTAL QSO COUNT: 2042, TOTAL QSO POINTS: 2700. TOTAL CW QSO: 652, TOTAL SSB QSO: 1384, TOTAL DIGITAL QSO: 6

Roll call: **WA3VXJ**, **W3WTW**, **WQ3T**, **WB3AGB**, **W3CRO** & **XYL**, **KT3L**, **KA3JKS**, **KA3YNO**, **WB3CRC**, **N3SBF**, **KB3GMN**, **W3JQJ**, **W3LA**, **WA3FWA**, **N3UUZ**, **WB3JLK**, **WB3HDI**, **KB3NZX**, **KB3PJW**, **N3VEF**, **NB3C**, **K3LAB**, **N3EQP**. What a nice showing by our members! Thanks to all who showed up!

BTW: LAST YEAR'S TOTAL QSO COUNT: 697.

Mike, WA3TTS is currently accepting E-Mail requests for his 1296MHz beacon. If you're interested in listening for it, send Mike an E-Mail with your grid square locator:
<WA3TTS@verizon.net>



Congratulations to Bill K3RYA, on his 50-year anniversary as a licensed ham! Bill also received the QCWA 50 year award. Nice going Bill! May you enjoy many more years hammin' it up!

Also congrats to Ron, W3WN, who recently received his ARRL 5 Band DXCC award! Working 100 countries on 15 or 20M ain't so hard, but try doing it on 40M or 75/80M. Nice going Ron!

AA3EE DAVE
AB3KD JAY
AD3Q BOB
AE3JM JASON
AI3J MARK
AK3J STEW
DC3RJ JUERGEN
K3GJS HARRY
K3JHT JOHN
K3LAB DOUG
K3RYA BILL
KA3JKS SUE
KA3LIW DEAN
KA3MSE LLOYD
KA3MXQ ALAN
KA3YNO WALT
KB3CWE GARY
KB3GMN CAROL
KB3LY ELLIOT
KB3NZX BOB
KB3ORR JOYCE
KB3PNE COLIN
KB3RUK JIM
KB3SVF GARY
KB3VHT JOHN
KJ3D JIM
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
W3CRO MIKE
W3HH DOUG
W3JQJ MATT
W3LA LEN
W3MAC MAC
W3MHY STAN
W3SVJ NATE
W3WTW TIM
W6LAC BOB
WA3BKD ART
WA3FWA JOE
WA3PYU MIKE
WA3RVD MEL
WA3TTS MIKE
WA3VXJ KARL
WA3YCU BOB
WA8NLX RICK
WB3AGB JOE
WB3CRC DALE
WB3HDI BOB
WQ3T DAVID

SCARC roster (July 2011)



Thanks to all that attended the WPA ARES meeting at the Breezeshooters hamfest, especially the presenters; Cindy, KB3LZN, on the ACS program, Jim, N3KJJ, on Skywarn, & Harry, W3YJ, on NBEMS.

⇒ [Website](#)

The Section ARES website, <www.wpaares.org> has a new look and most important, we have our own registration program up and running. Thanks to all that participated in the beta test and high praise to Bob, AG3U, for the programming. We are now ready to turn it on. The program worked so well in test, that if you participated you need NOT re enter information.

⇒ [On-line Registration](#)

Registration is open to all interested in joining W. Pa. ARES. During the initial period, we are requesting a staggered process, by District. This will **1:** Minimize overloading of the server and the manual processing required in start-up and **2:** Give ECs a fairly complete list in one pass. Please register on the following schedule:

N1 District - June 14-30

N2, S2 - July 1-14

S1 - July 15-31

⇒ [Frequently Asked Questions](#)

It's not too late to volunteer for the Pittsburgh Vintage Grand Prix! See page 7 for the contact info. A **FUN** way to improve your operating skills!

1: How do I access the registration page?

Go to <www.wpaares.org>. The registration page is accessed from a button on the left side of the homepage.

2: Is my information confidential?

Information you submit will be available only to the Section Manager, Section Emergency Coordinator and the Emergency Coordinator for your County.

3: Why collect this information?

Collection of information on-line is more convenient; an easy to use roster is compiled to facilitate efficient communication with you and more effective response actions in your community and the Section.

4: How will I know my registration was successful?

You will receive a confirmation message after you hit the submit button at the bottom. **PLEASE DO NOT use <ENTER> when completing the form.** Use the <TAB> or mouse to navigate between fields and use the 'SUBMIT' button.

5: If I make an error, can I correct it?

Yes, just resubmit ALL data. We recognize duplicates and will use the most recent entry.

6: Can I register in two counties?

Yes, if you live on a boundary and serve two counties. You must enter two complete and separate forms.

There is a growing need for AR emergency communications service; your willingness to help is greatly appreciated. Questions? Contact your EC or <AB3ER@comcast.net>.

73, Larry AB3ER, SEC W. Pa. ARES

UPDATE 1 JULY: At the request of Section Emergency Coordinator Larry Keller, AB3ER, we are asking that each of you now register for the ARES program at our section site. Previous attempts to do this at the league site had several issues and was eventually removed.

Individuals in the section have developed our own registration form and insures the data is exported to a useable and functional database that can be distributed to ECs, DECs and section leaders.

Please go to the following web site and register to provide us updated and accurate data:

<<https://host.misterhosting.net:8443/sitepreview/http://wpaares.org/html2/join.html>>

-or- go to <<http://www.wpaares.org>> and then to the register button on the bottom right.

Thought this might help in the event you are not familiar with which district your county is a part of.

N1: Clarion, Crawford, Erie, Forest, Lawrence, Mercer, Venango and Warren

N2: Cameron, Centre, Clearfield, Clinton, Elk, Jefferson, McKean, Potter

S1: Allegheny, Armstrong, Beaver, Butler, Fayette, Greene, Indiana, Washington, Westmoreland

S2: Bedford, Blair, Cambria, Franklin, Fulton, Huntington, Mifflin, Somerset

Software of the month

I'm runnin' out of ideas for the 'Software of the month' column. If you have any software you'd like to see highlighted lemme know. E-Mail me: <KQ3DX@hotmail.com>. Thanks!

A (semi) frequent feature where I try to highlight software that I hope you, my faithful readers will find useful. **YE OLDE EDITOR'S DISCLAIMER:** I have no interest, pecuniary or monetary in the software described here. I just wanna keep this here monthly fish wrappin' rag from becoming the same old boring shtick every month.

My pick this time around: **'The DXCC Spreadsheet'**.

Do you chase DX? Are you in need of a convenient way to track your QSOs by band/mode? Gabriel Sampol, EA6VQ has a DXCC spreadsheet that runs on Microsoft Excel, and it may just be what you're looking for. It's basically the ARRL DXCC List in a Microsoft Excel format that you can edit to suit your needs. As configured it will allow you to track SSB/CW Qs, but there is a blank box that you can use for keeping track of contacts using your favorite digital mode if you wish. It'll automatically keep track of your country totals every time you check off a country as worked or confirmed, too.

Not only does it have the current country list, but it also has the deleted country list included. Clicking on the 'Remarks' tab will give you a description of the deleted country's status, and the effective dates that QSOs with that particular entity are good for.

Using it is pretty straight-forward: Simply locate the entity, tab across to the band/mode, and using the drop-down box, select 'C' for confirmed or 'W' for worked. It's organized by prefix.

The nice thing about this program, is that Gabriel makes it available as 'shareware'. You can try it FREE for 30 days, before deciding to purchase it or not. If you decide to go for it, it'll cost you 23 bucks US. Purchasing it gives you access to free updates for 2 years, plus unlimited technical support by the author. AND, you'll be able to edit the spreadsheet to suit your needs/tastes; something that cannot be done with the shareware version.

For more info, check out his web page: <<http://www.vhfdx.info/dxcc.html>>.

Short and sweet; that's the way I like it! Thanks for reading! 73 de NB3C.

	10 Meters	12 Meters	15 Meters
	SSB CW DIG	SSB CW PSK	SSB CW TTY
W			
W			
C			
C			
C			

Nr. of worked (W+C):	21
Nr. of confirmed (C):	19

Copy of DXCCsw [Compatibility Mode] - Microsoft Excel

FileHomeInsertPage LayoutFormulasDataReviewView

Paste

Arial10

I've enclosed some screenshots here so you can see what's going on. Above, you'll see that I added 'DIG', 'PSK' and 'TTY' for additional digital modes I like to play with. You'll also see above that the program is tracking what I have worked AND confirmed. A simple yet versatile program, you may find it quite handy for tracking your country totals. To the left is the DXCC entity list. Notice the 'Remarks' tab at the bottom. This is where you'll see more deleted country info.

Website of the month

A (semi) frequent feature where I try to highlight sites I hope you'll find to be of interest to you. **YE OLDE EDITOR'S DISCLAIMER:** I have no interest, pecuniary or monetary in the websites described in this column.

My pick this month:

Hello Mister Valve!
<www.ominous-valve.com/tubes.html>

Yeah, I agree: Real equipment DOES glow in the dark! This is a great site, especially for you boat-anchor lovers, like me! Lots of nice links concerning tubes, boxes, history and much more. The site even has info on tube-operated computers from the 40s & 50s. Lots of info on Russian-made tubes, too. Links are also available for ham radio tube equipment, including a link for the Hammarlund SP-600, plus other manufacturers.

Probably my favorite here is the history of WLW in Cincinnati. A well written story, it goes into detail of how WLW was one of the biggies during the golden age of broadcasting, and how they were pioneers in the art of high-power broadcasting. Lots of nice pictures of them from the good-old-days are available here too.



Another interesting story you can read here is about XERA & XERF, which were high-power Mexican AM stations just across the border. The history of both XERA/XERF and WLW makes for interesting reading.

Whether you like the history of broadcast radio, boat-anchors, tubes, old computers, or even hi-fi audio, I think you'll find this to be an enjoyable site. Check it out. Better yet, bookmark it for future use.

Another short & sweet review, just the way I like it. 73 de NB3C. Thanks for reading!!



Southern Sudan DXpedition update

In just a few short days, the people of Southern Sudan will declare their independence from Sudan and will become the new Republic of Southern Sudan.

Vice President of South Sudan, Dr. Riek Machar Teny has announced that admission as a member state of the United Nations will take place on July 14th, 2011.

The DX Friends and the Intrepid-DX Group continue to monitor the UN General Assembly and Security Council votes and are moving forward with our plans for a large multi-national DXpedition to take place soon after the UN admission occurs.



Equipment has been procured and is being staged for rapid delivery to Juba, the new capitol of Southern Sudan. Team members have applied for their visas and we are awaiting them now.

We have held several successful meetings with representatives of the Government of Southern Sudan. We have been issued an amateur radio license for the purpose of this DXpedition. The Government of South Sudan is very supportive of our plans to visit Juba and to help them celebrate the birth of their new country.

We plan to soon be in the new capital of Juba and to be ready to start our DXpedition after admission by the UN. We will have 18 operators operating 24X7 on seven active stations.

At this time, we are seeking Foundation, Club and Individual Sponsors to help us defray the costs of carrying out this very important DXpedition.

Our official website is: <<http://www.dxfriends.com/SouthernSudan2011/>>

Thank you,
The Intrepid-DX Group and The DX Friends.

<<http://www.dxfriends.com/>>

<<http://www.intrepid-dx.com/>>

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3G200DI	CE1VCZ	EG4SEF	EA4RKF	ON1815NAP	ON4CMR
4F9HXB	DL5SDF	EG4SEO	EA4RKF	OZ1RDP	DL9BCP
4J3DF	RW6HS	EG4SEP	EA4RKF	P29CW	VK2IR
4J3M	DL7EDH	EG4SER	EA4RKF	P40LC	N1AFG
4JA3USA	JA3USA	EG4SES	EA4RKF	PA05FOX	PD1WAT
4L1FX	DJ1CW	EG5FUV	EA5KB	P66N	PA7DA
4L2BM	K5BM	EG7YFI	EA7NL	PJ4E	W0SD
4T100MP	OA4O	EG8LP	EA8URL	PY6/PY1JR	PU1KGG
5H3EE	DL4ME	EH7EPC	EA7URM	R70BP	UA3YY
5K3R	HK3R	EK6TA	DJ0MCZ	RI1ANC	RN10N
5R8AL	G3SWH	EM0UBC	UR4UXD	RY6Y	N3SL
5R8FL	G3SWH	EM7KAA/p	IK2DUW	S21RC	EB7DX
5R8UI	IZ8CCW	EM7MFF	US1MM	SD7SUB	SM7EYO
5T0JL	ON8RA	ER44WFF	ER1RR	SE5E	SM5AJV
5W1SA	JH7OHF	EX1EPC	EX8AB	SN0DS	SP5ADX
5X1VJ	UV5EVJ	GB50VE	G3VER	SN0WFF	SP5X
6M0W/5	HL5BMX	GX4KPT/p	M0DOL	SN10ISO	SP9KJU
7P8CC	EI7CC	H77REX	TI4SU	SO5UM/1	RU5A
7Q7BP	G3MRC	HF2011B	SP2ESH	SU9VB	UA4WHX
9A8CW	UA6LCW	HF2011K	SP9JCN	SV0XBZ/9	YL2VW
9G5SW	OK1DOT	HF2011L	SP7PGK	SV0XCA/5	LZ1WL
9J2B0	OK1DEV	HF25BPK	SP7PCZ	SV0XCC/9	LZ1YE
9J2KK	JK1NSR	HF800Z	SP6CES	T48K	DK1WI
9K2KCB	9K2RA	HF90TPS	SP6ZJP	T6MO	K9GY
9Q/DK3MO	DF9TA	HG200LST	HA5GY	TC47TCF	TA1CM
A41MX	EB7DX	HK4SAN	EA5KB	TM0SGF	F6KHS
A4100	NI5DX	HL88YL	DS1IYZ	TM1EPC	F6ECI
A61AS	Y03FRI	II2EBE	IQ2MI	TM2RHC	F4EUN
A61E	EB7DX	II2IGTO	IQ2MI	TM50JPL	F8FZC
A61TT	IZ8CLM	II2LOM	IQ2LZ	TM5BBC	F2UW
A65CF	EA7FTR	II3MM	IZ3DBA	UA0SR	W3HNC
AC2BF/KH2	JA10HP	IR0JCM	IK0IXI	UQ40I	UN7IT
AJ2L/KH2	JI3QBQ	IR1ITA	IK1SPR	UQ50L	UN7LZ
AP2TN	DJ9ZB	IS0/IT9HUV	IT9DQM	UR4MKY	UR9MC
AY5F	LU5FC	J480	SV2FPU	V25DD	K9UK
C6AKQ	N4BP	J11FGX/DU9	JF1LZQ	V25DR	W9DR
CE2/VE7SV	VE7WY	JW1E0A	LA1E0A	V25TP	W9AEB
CN8ZG	EA7FTR	KH0N	JA6CNL	V47DA	DL1DA
C000M	C03JY	LY05EPC	LY3BY	VI40B0R	VK2B0R
C02WF	N1KI	LZ11RF	LZ1YE	VP2MRT	KB4CRT
CP6XE	IK6SNR	LZ12EYAC	LZ1BJ	VP2VV	VP2VQ
CR5CQK	CT1CQK	LZ20HR	LZ1YE	VR2KF	JH10GX
D2CQ	CT1IUA	MC0SHL	M0URX	W2W	K3NEM
D9K	DS4NYE	MM/EA3NT	RX3RC	XE2S	WD9EWK
DW8BXU	JF1LZQ	MM/EA30R	RX3RC	YB0AKM	EA7FTR
E51CGJ	IV3CGJ	MM/EA5KA	RX3RC	YB8RW	YB9BU
EE5BZR	EC5BZR	MM/EI6DX	RX3RC	YN2GA	W5GAI
EE5CYI	EC5CYI	MM/F4BKV	RX3RC	YN2MJ	W5MJ
EE5DM	EA5DM	MM/IZ7ATN	RX3RC	YN2PR	W5PR
EE5DWS	EA5DWS	MM0NDX/p	RX3RC	YP6EPC	Y0500
EE5FL	EA5FL	MS0INT	M0URX	YS3CW	I2JIN
EE5GVZ	EA5GVZ	MS0RSD	M0URX	YT0EPC	YT7WA
EE5HAB	EA5HAB	OH0I	OH3BHL	YV5KAJ	EA5KB
EE5KB	EA5KB	OH0Z	W0MM	YV7MAE	EB7DX
EG1DN	EB1CAM	OJ0B	OH2BH	YV5VD	YV5VD
EG4SEA	EA4RKF	OJ0VM	OH6VM	ZC4MIS	KF6RCP
EG4SEC	EA4RKF	OL1911VP	OK1DRQ	ZS6EPC	ZS6GRL

- DJ0MCZ Kazimierz Czech, P.O. Box 20 02 84, 51432 Bergisch Gladbach, Germany
- DS4NYE Seung M. Rew, P.O. Box 22, Jeongeup-si, Jeollabuk-do, 580-600, South Korea
- HL5BMX Soo Gil Lee, P.O. Box 59, Jinhae-gu, Changwon-si, Gyeongsangnam-do, 645-600, South Korea
- K9GY Eric P. Hall, 3355 193rd St, Lansing IL 60438, USA
- KF6RCP Mike Sangria, 1738 Hicks Ave, Olivehurst CA 95961, USA
- M0URX Tim Beaumont, P.O. Box 17, Kenilworth, Warwickshire CV8 1SF, United Kingdom
- SV2FPU Giannis Ioannidis, Polyviou 57, 543 51 Thessaloniki, Greece
- W0SD Edward C Gray, 43804 257th Street, Salem SD 57058, USA

QSLs received direct or through managers: 3A2LF, 3D2A, 3D2DX, 4A0IARU, 4A4A, 4K8M, 4S7NE, 5M2TT, 5N5K, 5R8HL, 5W0NU, 5X1T, 5Z4KI, 6W/PA3EWP, 8R1A, 9H1PS, 9H1XT, 9N7AN, 9N7DX, 9Q500N, 9V1WW, 9X0VB, 9Y4D, A45XR, AH0/AB2RF, A09IB, BT4EXP0, C4N, C56FR, CE2/CX1EK, CE2/VE7SV, CN8KD, CN8NK, CO8LY, D2AM, E51JD, EA9IB, ED9M, EP4HR, ER1LW, EX2A, EX2F, FG5FR, FM/F6ARC, FM5CD, H44MS, HH2/HB9AM0, HH2/PA5M, HH2/PY3SB, HH4/K4QD, HI3/W1JNZ, HS0ZIN, HV4NAC, J28R0, J79AN, J79M, J79ZZ, J7A, J7N, JD1BLY, JD1BMH, JX9NOA, JY5HX, K8LEE/CY0, KG4EM, KH0PR, KH6MB, KH8/AI5P, LU7HN, LU8EEM, LZ2VU, MJ/K3PLV, N0TG/CY0, N1SNB/CY0, OD5NJ, OM3SEM, P29CS, P29NI (OC-257), P29TL, P29VCX, (OC-101), P29VCX (OC-117), P29VLR (OC-231), PJ2/K8LEE, PJ4/K4BAI, PZ5T, RI1FJ, S51V, S79UFT, S9DX, ST2AR, SU1SK, SV5/G0SGB/p, SV9/LA4XFA, T6JC, TA0/WA2KBZ, TG9ANF, TG9NX, TI5N, TI8II, TJ3AY, TJ9PF, TK5MH, TT8DX, UK7F, UK8GKW, UK80M, UK8QQ, UK8VA, V44KJ, V5/DJ2HD, V73QQ, VP2ETN, VP2MM, VP2V/NY6X, VP5/WA0MHJ, VP5CW, VP8DMH/p (AN-018), VP8ORK, VR2XMT, VU4PB, WP3C, XE1RCS, XU7ABW, XU7DLH, XV2RZ, XV4YY, Z2/K0YY, Z21DXI, ZB3R, ZD7FT, ZD8RH, ZD9T, ZK2A, ZK2BQI, ZL50VK, ZS3D, ZS8M.

- **NOT THE QSL MANAGER.** John, W2GB, states, "PLEASE NOTE - I am NOT the manager for HK3Q. The QSL Manager for HK3Q is W2GR.
- **TM26UFT QSL STATUS.** Maurice, F5NQL, reports that all the direct QSL cards received by F6ICG for the latest TM26UFT activity have been answered and mailed.
- ⇒ **QSL RECEIVED VIA LoTW:** 4U5ITU, 5R8FU, 6V7W, 8R1K, 8R1RPN, 9N7DX, DR775TMG, ED8OR, FM5CD, FO0CI, HI3TEJ, HK3O, OL5Q, PA7CG, PR1T, V31ME, V31XX, V44KAI and ZD7XF
- ⇒ **QSLs RECEIVED VIA MAIL:** 3B8CF, 3D2A, 3D2XD, 4A4A, 4JA3USA, 6W2SC, A92IO, CP6UA, ER4DX, ER0WW, HR9/WQ7R, J5UAP, J6/VE3CZF, KF4VTT/VP9, LA5XGA, ON5PO, PJ4/K4IQJ, PJ6D, PY5IP, S51MA, T2XG, T31A, T77EB, TF2JB, TJ9PF, TL0A, UA2FL, UA0ZC, UN7PBY, UT1FG/mm, VE2IM, VP2ETN, VP8ORK, VP9HE, VR10XMT, VR2XMT, VU2PHD, YL2GB, YO4RYU/mm, Z23MS and ZB2FK
- ⇒ **QSLs RECEIVED VIA THE BUREAU:** 9A1P, 9U0A, AN1A, CT8T, DH3FEN, DL1QQ, DL2DBT, DL9GWD, DR5N, EA3EIQ, EH1PAZ, ES5TV, F5POJ, FM5CD, HA8KVK, HA8WP, HB0/T94DX, HB9BIN, HD5J, HI3/N3SY, HK3Q, I1HLP, IS0LLJ, IW0GTA, IZ0FYL, IZ7EQV, JR5VHU, LZ9W, OM7AG, ON4UN, PQ2Q, PX2A, SP2EFU, SP3MGM, SP5EOT, SP6IWG, SP7EXQ, SP8HDP, SP8LBK, SP9KRT, T94BY, TO1T, UT2FA/p, V25O and V51AS

The Prez sez.....

Summer is here and it feels good! It's hot and sticky but the WX did nothing to dampen the enthusiasm of our members and guests to attain 2042 contacts for this years Field Day exercise. While we may not be some big gun contest station, our score for running 3E is pretty darn good! No, scratch that....it's OUTSTANDING! I wish to thank everyone that participated no matter how much or little. It all added up to fun with a Satellite contact and a Youth contact in the mix! Bleary eyed as we were come Sunday morning, we had radios manned while all of the time our antique genset did a stellar job of keeping the electrons flowing, with only one little hiccup as it sucked one tank dry after 20 hours of run time. Not to bad for an old work horse. And all that fun FD type stuff almost didn't happen. Well, not really. When we were leaving the propane dealer, they were not going to let us go with the tanks laying flat on a trailer. This is the Public Service portion of Prez sez.

Long ago some smart guy figured out that it's a good idea to haul propane with gas against the valve / safety pop off, not the liquid. And for years lots of people hauled that way. Due to a new lawsuit out in the world, our friendly propane supplier informed us such practice is looked upon unfavorably and wishing to keep good relations, we did comply and strapped the tanks in a vertical position. Not a big deal as we had the means to do so. They also informed us that they could deliver for a fair price. Something to consider in future.

One interesting fact about propane you may wish to know is that propane expands 270 times it's volume when released at a rapid rate. It makes a fog that hovers low to the ground and creeps along the contour of the earth. I've seen this on a large scale and it is a bit scary! You can imagine the consequences if a large vapor cloud found an open flame or ignition source! This is why you do not haul a propane tank with liquid against the safety valve!

When you have good equipment that is in spec, like the tanks we have, and you treat the equipment and product with respect, all is good to go.

We were also informed that in an "enclosed vehicle" i.e.: trunk of car, bed of truck with cap, whatever...the hauling limits are 90 pounds total, with containers not exceeding 45 pounds for each container. The friendly supplier went on to give examples of how many 20 pounders, like we use for grills, can be carried versus other applications. Point of all this is just a reminder to use your head and be safe. No matter how many times we have done a particular task, it is good to review what may hurt you.

I can think of at least ONE thing that won't hurt anyone. Our annual SCARC Corn Roast coming up soon! The last Sunday in August, the 28th, we will have our soirée, so mark it down now and be there to partake in delectable goodies. Don't forget now. Go write it on the calendar now while you are thinking about it. Yes, that means you too.

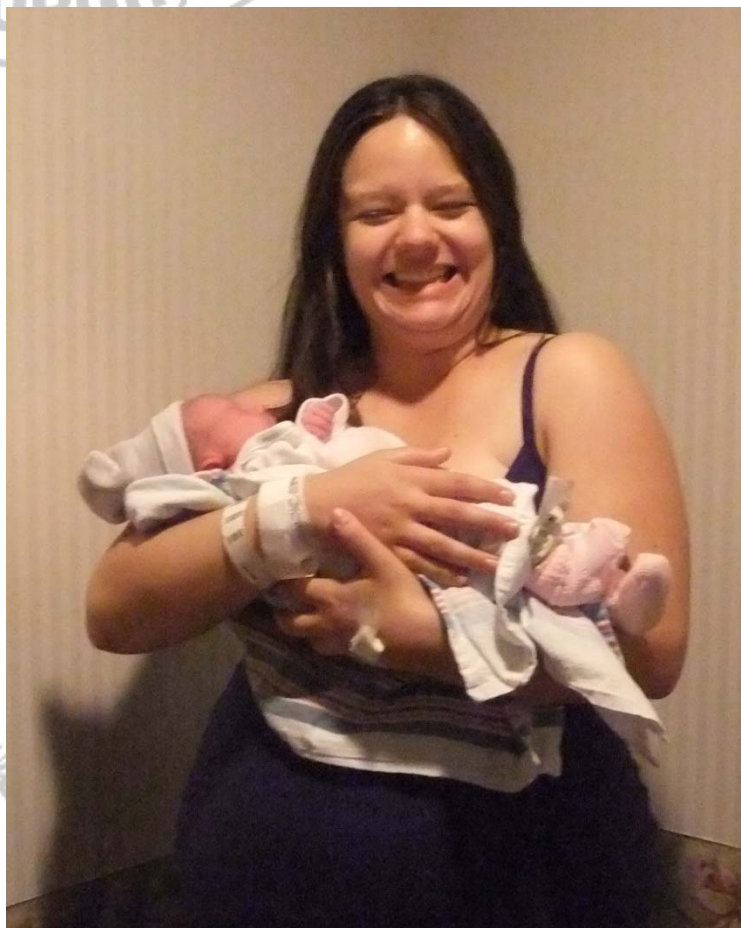
We will start about 1PM and our "External Kitchen Crew" will probably be there a bit earlier to get the ball rolling. This way no one has to get up real early. Let's hope for a mild summer day with tasty sweet corn!

And from the "Oh I remember those days" department, for those that have not heard the good news: July 1, 2011 saw the arrival of my first grandchild and one of many I hope! My daughter Rachel, had Alayna Lynn @ 4:18 PM and she weighed in @ 7 lbs. 13 oz. and 20" long. Both are doing great and baby is typically eating, sleeping, eating, sleeping, messing a diaper, eating, burping, sleeping....

And wow does she have long fingers too! I was thinking she could almost get them around the knob of a straight key. Hmmm....never too early to get them started, eh?



I'mmmm lovin' it! It has been a long time that our clan has had any little ones and it's gonna be lots of fun!



(CONTINUED ON NEXT PAGE)

Prez Sez (con't)

I would like to express my condolences to Ed N3ZNI and the family of Jacque N3ZEL. Jackie always seemed to be a fixture at many of the hamfests in our area and she will be missed. A kind and quick witted lady I've had some very nice chats with. A good soul that made a lasting impression upon anyone that knew her. RIP Jacque es SK AR for now.

That's all for now folks, thanks for reading along. Til next time....
73, Bob, WB3HDI.

Write, wire, phone or visit either store today.

Butler 1, Missouri
Phone 395

Bob Henry,
WDARA
Butler, Mo.

Henry Radio Stores

Granite 7-6701

11240 West Olympic Blvd Los Angeles 64

Ted Henry,
W8UQU
Los Angeles

"World's Largest Distributors of Short Wave Receivers."

Propagation (con't)

The latest smoothed sunspot number prediction on page 13 at <http://www.swpc.noaa.gov/weekly/pdf/prf1870.pdf> shows the numbers for December 2010 through December 2011 slightly lower. Last month's prediction showed smoothed sunspot numbers for that period at 30, 34, 38, 41, 45, 49, 54, 59, 63, 66, 68, 71 and 74. The latest has the values for those same months changed to 29, 32, 36, 39, 43, 47, 52, 57, 61, 64, 66, 69 and 72. The reason that in July we see last December's number change is because the smoothed sunspot number represents an average of data over one year. The data for approximately six months after December 2010 wasn't completely known until the end of June, and each successive month after that contains one more month of predicted data, instead of data that is actually measured.

Geophysical Institute Prague predicts unsettled activity on July 8, quiet July 9, unsettled July 10-11, quiet to unsettled July 12, and quiet July 13-14.

On his website <http://prop.hfradio.org/> NW7UB has info about the importance of x-rays in enhancing ionospheric propagation. Just page down a little way to "More about Background X-rays".

For more information concerning radio propagation, see the ARRL Technical Information Service at <http://arrrl.org/propagation-of-rf-signals>. For an explanation of the numbers used in this bulletin, see <http://arrrl.org/the-sun-the-earth-the-ionosphere>. An archive of past propagation bulletins is at <http://arrrl.org/w1aw-bulletins-archive-propagation>. Find more good information and tutorials on propagation at <http://mysite.ncnetwork.net/k9la/index.html>.

Monthly propagation charts between four USA regions and twelve overseas locations are at <http://arrrl.org/propagation>.

Sunspot numbers for June 30 through July 6 were 34, 51, 54, 42, 44, 30, and 36, with a mean of 41.6. 10.7 cm flux was 89.2, 87.6, 85.6, 86.2, 85, 84.8, and 84.6, with a mean of 86.1. Estimated planetary A indices were 6, 13, 6, 8, 11, 14, and 8, with a mean of 9.4. Estimated mid-latitude A indices were 3, 7, 3, 6, 7, 8, and 7, with a mean of 5.9.

Info for the 'Propagation report' is taken from the ARRL Propagation Bulletin and is ©2011, ARRL.

The Ed Sez.....

It just hit me (or was that the wife).....It's time for me to map out the events coming up in August for this month's newsletter! Yeesh! Pretty soon, it'll be autumn; time to turn on the TV and NOT watch football, the way things are going. (HAH!) Wouldn't it be nice if we could turn a knob and slow life down, if only for a little while?

Speakin' of turning knobs, we had a super Field Day 2011. Over 2000 QSOs went into the log during the soirée! Thanks to all who showed up. This year over last, we almost TRIPLED our QSO count. A big **THANK YOU** to all who showed up and helped make FD 2011 a big success. **WE EVEN MADE A SATELLITE QSO ON FO-29!** (Thanks Doc, KT3L!) (See the stats on [page 7](#).)

Did you know? This month marks the start of my 5TH YEAR of being your editor. Thanks to all my contributors over the last 4 years! Thanks to all who gave me compliments too. Apparently our little newsletter is received far and wide. **Why, I've heard it's even read in the PENTAGON. No, REALLY.** Yes, it does help when you send me stuff! Remember, I'm always on the hunt for newsletter material, so keep me in mind when you run across something newsworthy, especially local news and Public Service events.

Please keep Ed, N3ZNI in your thoughts and prayers, as his better half Jacque, N3ZEL passed away on July 2. Ed, on behalf of the club, our sincere condolences and sympathies go out to you and your family. **UPDATE 6 JULY:** Ed, N3ZNI reports that there was no funeral service. However, there will be a memorial service, to be held in the fall later this year. I will, of course, keep you advised on this and will publish the info on the service in the newsletter when I have it, assuming I have enough lead time to do so.

WELCOME TO OUR NEW MEMBER: KJ3D, Jim. And **WELCOME BACK TO: AD3Q, Bob.** Bob has also volunteered to step up to the plate and handle the VE session coordination. He needs some help though. So if you can volunteer to help him out, please consider doing so.

Various club projects are underway in various phases: Grounds ex-foliation, Ten-Hut, VHF Studio.....So once again, if you can help out, please consider doing so. Remember: "Ask not what your club can do for you; ask what you can do for your club."

That's all the minutiae I can think of for this month. Thanks for reading! 73 de NB3C. KQ3DX@hotmail.com



New heavyweight champion!

Hallicrafters new SX-101 receiver employs heaviest chassis in industry...incorporates V.F.O. feature*...has 2000° disc logging counter.

SX-101
amateur net
\$395.00

In Case of Attack!

TUNE YOUR AM RADIO DIAL TO
↓ OR ↓
640 1240

FOR OFFICIAL INFORMATION

CONELRAD

FEDERAL CIVIL DEFENSE ADMINISTRATION

More ARRL W. Pa. Section news (July)



Field Day has come and gone and for most we have all the equipment back where it belongs. I enjoyed traveling to Field Day sites this year but unfortunately my travels were cut short as I developed stomach flu. Sorry to those clubs I did not make it to and thanks for the hospitality I received at the ones I did manage to visit.

Sadly I was informed of the passing of Jacqueline Gosselin, N3ZEL. She was active in VE testing and the WACOM newsletter as well as many area clubs. She was also an avid supporter of the YLRL. Our sympathy goes out to all her family and friends.

There has been more updates to the Fldigi platform and software. Please check out <<http://panbems.org>> and download the latest versions. With the cost of netbooks down to \$199 a portable emergency station can be quickly established.

July is a busy month with many hamfests. On July 9 the Union City and Wattsburg club will again be holding their annual hamfest near Erie. Additional info for this hamfest is available at <<http://www.wattsburg-wireless.us/hamfest.htm>>.

On July 10, the North Hills ARC will be conducting their hamfest. The hamfest is at a new location this year with many exciting changes. You can view the hamfest flyer at <http://nharc.org/links/2011_hamfest_flyer_final_copy.pdf>.

July 17 finds us at the Somerset hamfest. Their hamfest flyer is available at <<http://k3smt.org/hamfest/HamfestFlyer2011.pdf>> Once again this year will be a demonstration of the NBEMS program with Harry Bloomberg W3YJ and Dave Kleber KB3FXI, our resident experts, available to help with any problems or questions. This platform is growing in popularity and is quite flexible. It is the digital mode of choice for the W. Pa. section.

Finally on July 31 we will be at the Foothills ARC hamfest in Greensburg. Additional info is available at <<http://www.arrrl.org/hamfests/farc-hamfest>>.

Please remember to go to <<http://www.wpaares.org>> and register for ARES. Even if you have registered before on another site, please do so here again. This will finally allow us to have an accurate database for our section.

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 6 PM now that the time change has taken place. 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 also 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
W. Pa. Section Manager

Isn't it funny.....You never see cars or trucks
with ham antennas on the road, but boy, they
show up like crazy at a hamfest.....



June 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

July 2011

The Steel City ARC July Contest/Event Planner

August 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 RAC Canada Day Test	2 YV Ind. Day Test DL DX RTTY Test
					WM3PEN Spec Event	
3 YV Ind. Day Test	4 Independence Day GPVHF Business Meeting	5 Skyview Business Meeting MI QRP CW Sprint	6 SCARC Social Nite NHARC Business Meeting Alleg Co ARES Net	7 WACOM Business Meeting	8	9 IARU HF Champ. FISTS Summer Sprint
WM3PEN Spec Event			10-10 Int'l Spirit of 76 QSO Party			
10 NHARC Hamfest IARU HF Champ. ARCI Homebrew Sprint	11 Breezeshooters Net NAQCC-EU Monthly Sprint	12 WACOM 2M Net WACOM 10M Net 222 Tuesday	13 SCARC Social Nite Alleg Co ARES Net 144 Wednesday RSGB 80M Champ SSB	14 WASH Business Meeting	15	16 CQ WW VHF Test DMC RTTY Test NA QSO Party RTTY
10-10 Int'l Spirit of 76 ..						
17 Somerset ARC Hamfest CQ WW VHF Test DMC RTTY Test NA QSO Party RTTY	18 Breezeshooters Net	19 SCARC Business Meeting WACOM 2M Net WACOM 10M Net 222 Tuesday	20 Alleg Co ARES Net 144 Wednesday	21 NAQCC Straight Key/Bug Sprint RSGB 80M Champ Digi	22	23 Pgh. Vintage GP
24 Pgh. Vintage GP WAB 2M QRO SSB Test	25 Breezeshooters Net	26 WACOM 2M Net WACOM 10M Net 222 Tuesday	27 SCARC Social Nite Alleg Co ARES Net 144 Wednesday	28	29	30 WASH Breakfast RSGB IOTA Test
31 Foothills ARC Hamfest RSGB IOTA Test						

Complete contests list: <www.hornucopia.com/contestcal/contestcal.html>
 & <www.sk3bg.se/contest>

July 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

August 2011

The Steel City ARC August Contest/Event Planner

September 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 <i>Breezeshooters Net</i> <i>GPVHF Business Meeting</i>	2 <i>WACOM 2M Net</i> <i>Skyview Business Meeting</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	3 <i>SCARC Social Nite</i> <i>NHARC Business Meeting</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>	4 <i>WACOM Business Meeting</i>	5	6 <i>TARA Grid Dip Shindig</i> <i>European HF</i> <i>Championship</i> <i>10-10 Int. Summer Test</i> <i>SSB</i> <i>NA QSO Party CW</i> <i>ARRL UHF Contest</i>
7 <i>10-10 Int. Summer Test</i> <i>SSB</i> <i>NA QSO Party CW</i> <i>ARRL UHF Contest</i> <i>SARL HF Phone Contest</i>	8 <i>Breezeshooters Net</i>	9 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	10 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i> <i>NAQCC Straight Key/Bug</i> <i>Sprint</i> <i>NAQCC-EU Monthly Sprint</i>	11 <i>WASH Business Meeting</i>	12	13 <i>WAE DX Test CW</i> <i>Maryland-DC QSO Party</i>
14 <i>WAE DX Test CW</i> <i>Maryland-DC QSO Party</i>	15 <i>Breezeshooters Net</i>	16 <i>SCARC Business Meeting</i> <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	17 <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>	18	19	20 <i>SARTG WW RTTY Test</i> <i>ARRL 10GHz + Test</i> <i>North American QSO Party</i> <i>SSB</i> <i>NJ QSO Party</i>
21 <i>SARTG WW RTTY Test</i> <i>ARRL 10GHz + Test</i> <i>North American QSO Party</i> <i>SSB</i> <i>NJ QSO Party</i> <i>ARRL Rookie Roundup</i> <i>RTTY</i>	22 <i>Breezeshooters Net</i>	23 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	24 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>	25	26	27 <i>WASH Breakfast</i> <i>Hawaii QSO Party</i> <i>YO DX HF Contest</i> <i>SCC RTTY Championship</i> <i>Ohio QSO Party</i>
28 <i>SCARC CornRoast</i> <i>Skyview Hamfest</i> <i>Hawaii QSO Party</i> <i>YO DX HF Contest</i> <i>SCC RTTY Championship</i> <i>Ohio QSO Party</i> <i>SARL HF CW Contest</i>	29 <i>Breezeshooters Net</i>	30 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>222 Tuesday</i>	31 <i>SCARC Social Nite</i> <i>Alleg Co ARES Net</i> <i>144 Wednesday</i>			

Complete contests list: <www.hornucopia.com/contestcal/contestcal.html>
 & <www.sk3bg.se/contest>

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!



Somerset County PA Hamfest

Presented by the Somerset County Amateur Radio Club

P.O. Box 1241

Somerset, PA 15501

Talk-In on K3SMT Repeaters

147.195+ pl 123 and 443.250+ pl 123

All-You-Can-Eat pancake & egg Breakfast for \$6.00 served from 8 to 10am,
while supply lasts, children under 13, \$3.00
followed by lunch items featuring Blackburn & Russell products



ARRL
Sanctioned

Free Parking

GPS Coordinates
40.00281N
79.03345W

Sunday, July 17th, 2011 – 8:00 a.m. to 1:00 p.m.

Where: Somerset County Technology Center

281 Technology Drive, Somerset, PA 1550

Grounds Open at 6:00 am for vendors and tailgaters.

Entrance Fee: **Adults \$5.00, children under 13 FREE**

Indoor Tables: Pre-Registration Required

Outside Tailgating: **FREE**

Free Coffee

Open at 8:00 am
VE Testing at 10:00 am
Fee: \$15.00

First Prize: FT-7900R 50W 2M | 45W 440 FM XCVR

Second Prize: MFJ-259 Antenna Analyzer

Third Prize: JTPS-28M 28Amp Metered Power Supply

Prize Tickets: \$2/ea, 3/\$5, 7/\$10, or 15/\$20

PLUS Black Box Mystery Prize Tickets @ \$5.00 each

PLUS 3 ADDITIONAL BONUS PRIZES

KB9YIG's SoftRock RXTX Ensemble Tranceiver Kits

(2 kits assembled and tested by Tony, KB9YIG

First 2 winners have choice of kit or assembled unit) see CQ—Feb 2011

Combine the joy of kit building with the latest QRP Software-Defined Radio (SDR) technology



2011 Pre-Registered Vendors as of June 2011

KJI Electronics ((((()))
SERVING AMATEUR RADIO SINCE 1978

Created By Amy



Plus Fldigi demo by W3YJ Harry and KB3FXI Dave



**Pre-Registration required
for indoor space
contact Stew, AK3J at
ak3j@arrl.net or 814-444-0637
for flyer updates visit
www.k3smt.org**

**Directions from PA
Turnpike Exit 110**

**Go straight off
ramp and turn left
at 4th stoplight onto
Route 31 East**

**Go 2.0 miles and
turn left onto
Technology Drive.**

**The Hamfest will be
on your right
behind the building**



For more local events and attractions see: www.laurelhighlands.org

for Hamfest updates www.k3smt.org and

www.arrl.org/hamfests/somerset-county-arc-hamfest

The widest frequency range parameter in the industry

HAMMARLUND SSB RECEIVING EQUIPMENT SP-600 Receivers/SPC-10 SSB Converter

For Commercial/
Military applications

The Hammarlund Manufacturing Company now offers a complete line of commercial/military communications receiving equipment incorporating unexcelled performance and value for all communication modes from 10 KCS to 54.0 MCS. This modern Hammarlund equipment is designed in modular, or package form to enable the user to buy what he needs to meet his specific requirements, whether it is a brand-new installation, or the addition of more sophisticated performance, including SSB, to present equipment.

Hammarlund maintains a complete communications equipment engineering facility that is ready to serve you in any communications problem. The Hammarlund reputation for quality, plus the Hammarlund history for value, adds up to your guarantee for the best buy possible.



SPEAKER

The Hammarlund SP-300 Speaker is rack-mounted, incorporating a high-response 8" P.M., 600-ohm speaker assembly.

CONVERTER

Hammarlund SPC-10 SSB converter that may be used with any standard communications receiver having an IF frequency of 450 KCS to 500 KCS. Also adds new selectivity quality to AM/MCW reception.

RECEIVER

The world-famous Hammarlund SP-600 Series. Available in three frequency ranges for single or diversity (model SP-600-JX17) reception. In cabinet or rack-mounted units.

CABINETS

Hammarlund supplies cabinets for any combination of the above three units as enclosures for the standard relay-rack mounting units. Cabinets are completely louvered for ventilation.



ACHIEVING A NEW
DIMENSION IN
AMATEUR RADIO

HAMMARLUND HQ-110A

from 2 to 160 meters

THE NEW HQ-110A-VHF

ALL NEW FEATURES!

- Separate Navistar front ends for both 6 and 2 meters.
- Sensitivity 0.3 μ V for 10 db S/N.
- IF rejection on 2 meters better than 90 db.
- Employs 4 Navistars and 8 tuned circuits to insure sharp front end sensitivity and rejection of unwanted signals.
- Excellent electrical and mechanical stability.
- Expanded vernier tuning.

The HQ-110A-VHF contains all the flexibility you need in one neat package—superior AM, CW and SSB reception on all popular amateur bands.

- IMPROVED MECHANICAL AND ELECTRICAL STABILITY
- ACCESSORY SOCKET FOR PREAMP OR CONVERTER APPLICATIONS
- EXPANDED DIAL... 144 to 148 MC CALIBRATION FOR USE WITH 2 METER CONVERTERS*
- 6 METER COAX INPUT... SEPARATE INPUT FOR OPTIMUM PERFORMANCE OF VHF AND HF OPERATION

- DUAL CONVERSION... 11 tube, 2 silicon diodes, dual-conversion superheterodyne circuit.
- Frequency Range... Full dial coverage of the 6, 10, 15, 20, 40, 80 and 160 meter amateur bands.
- Single Sideband... Separate linear detector for optimum reception of SSB and CW signals.
- Q-Multiplier... Permits continuously variable selectivity to meet all operating conditions.
- Beat Frequency Oscillator... Stabilized beat frequency oscillator for SSB and CW reception.
- Crystal Control... 2nd conversion oscillator crystal controlled.
- Crystal Calibrator... Built-in 100 KC crystal calibrator.
- Dial Scale Reset... Adjustable calibration of dials on front panel for precise settings.
- Auto-Response... Automatically adjusts audio response to fit receiving conditions.
- Automatic Noise Limiter... Virtually eliminates ignition interference and minimizes static bursts.
- Warm-up Timer... Automatically turns on receiver at any predetermined time. (Optional accessory)

* 50-54 MC output.

STEEL CITY ARC
W3KWH
PITTSBURGH, PA



AVAILABLE NOW

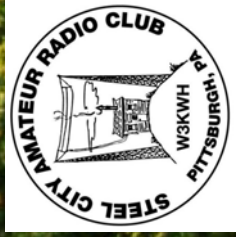


For more than 22 years Hallcrafters has been closer to the radio amateur field than any other communications manufacturer. The many leading Hallcrafters developments have been based on what the amateur wanted and needed. The result of this close association is this radio man's ideal—the finest component units (Model SX-100 AM-CW-SSB receiver, Model HT-30 transmitter-exciter, Model HT-31 linear power amplifier) in a completely packaged radio station—**MODEL SR-500.**

\$1495⁰⁰

FOR THE FIRST TIME
commercial broadcast styling in a
complete amateur radio station.
HALLCRAFTERS MODEL SR-500
a single package for
PROFESSIONAL EFFICIENCY

Steel City Amateur Radio Club
P.O. Box 281
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<www.w3kwh.com>



**KiloWatt
Harmonics**

W3KWH

NEXT
MEETING:
JULY 19,
8PM

