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June 2014
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KiloWatt **Harmonics**

1941

The official house organ of the
Steel City A.R.C., Pittsburgh, PA.

2014

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Next meeting date: 17 June, 8PM.



June 2014

Officers of The Steel City Amateur Radio Club:

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President: Brian Cooney, K5BPC

Editor: Greg Babin, NB3C.

Vice President: Ron Heasley, KB3YYE**Treasurer:** Walt Adkins, KA3YNO
(412) 276-0825

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

Recording Secretary: Joe Mielnicki, WA3FWA
(412) 922-6340All newsletter contributions are welcome at:
<kq3dx@hotmail.com>**Corresponding Secretary:** Bob Mente, NU3Q

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

License Trustee: Chuck Davis, N3UUZ

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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 & interested persons in the Pittsburgh & metropolitan area.

The opinions expressed in KiloWatt Harmonics are not necessarily those of the club, its members, or its Officers.

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)(Off-Line)

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ON THE FRONT COVER:

The 6M antenna is back up in the air.
That's AA3EE hauling it up the tower. See more
on **page 9**. Thanks to KB3VHT for the pics.

The business meeting is held every third Tuesday of the month @8:00PM.
A social night is held every Wednesday night, except for the week of the
business meeting. All Amateurs are welcome to attend. Wanna join
SCARC? An application is enclosed in this newsletter.

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Thanks to the following for your contributions this
month: ARRL, 425 DX News, Ohio/Penn. DX
Bulletin, WA3FWA, KB3VHT, W3WN, N3MSE, N3LLR,
KA3MSE, W3SVJ, KA3YNO, W3YJ.

NEXT ARTICLE DEADLINE: 4 JULY 2014
PUBLICATION DATE: 6 JULY 2014

Please keep me in the loop on local events, ESPECIALLY
Public Service events. Remember: Just because you know
what's going on doesn't mean I know what's going on.





Minutes of the Steel City ARC meeting Tues. May 20, 2014.

Meeting was conducted at 8 PM by President K5BPC with a Pledge of Allegiance, a moment of silence for our silent keys and a roll call of 18 members and 3 guests. The April minutes were accepted as published in the May newsletter. The Treasurer's report was given by Treasurer KA3YNO. Motion to accept by AA3EE, 2ed by WA3BKD, passed by all.

Committee Reports:

**"WELCOME!" GOES OUT TO OUR
NEW MEMBER JEFF, KC3BYW.**

- ⇒ **Clubhouse:** KB3YYE has planted grass which is growing. WA3FWA reports that the Juniper Rug ground cover planted last year at the clubhouse front lawn area is not growing very well.
- ⇒ **Membership:** KB3VHT gave the 1st reading for prospective members Gene, KA3GNP and Robert Wilson, no call, Alex KC3AFZ and the 3rd reading for Jeff Wilson KC3BYW who was voted in on a motion by N3EQP and 2ed by K5BPC. Passed by all. Welcome!
- ⇒ **Public Service:** NU3Q has offered to take the coordinator slot from KA3MSE He will also work the Scott Twp. Public Service event. The EMCOMM event will be held at Johnstown June 14. W3SVJ motioned that \$20.00 be given to cover that expense for anyone attending: 2ed by KA3MSE. Race for the Cure was held last Sunday. KA3MSE will have Dave Kleber give a PS presentation next Wed.
- ⇒ **Technical:** WA3BKD reports that the 6M antenna is up on the 80' tower. We will raise the 3 section crank up tower next Wed. at 7 PM. We will need coax, rotator cable and connectors to complete the antennas. \$800.00 was approved on a motion by NU3Q and 2ed by KB3GMN. SCARC will have 2 tables at the Breezeshooters hamfest; WA3BKD and AA3EE will clear out the club's unused stuff for sale and members can bring your unwanted stuff to sell. We will need a new generator. WA3BKD proposes that we look for a generator that runs on propane so that we will be able to also run a replacement furnace on this fuel. AI3V left some unwanted radio stuff at the clubhouse which you may help yourself to.
- ⇒ **Education:** WA3BKD will soon have a presentation on antennas. N3EQP wants the library to purchase CD's from Gordon West for \$100.00. Approved on a motion by WA3BKD and 2ed by NU3Q.
- ⇒ **PC Website:** K5BPC will replace our wireless access point and recommends switching to Verizon FIOS when the price becomes advantageous. Motion to accept by WA3BKD, 2ed by N3EQP and passed.
- ⇒ **Volunteer Exams:** Next session will be held on July 1st.
- ⇒ **Ways and Means:** WA3FWA will collect any outgoing QSL cards for the ARRL bureau and will hold the 50/50 raffle after the meeting.
- ⇒ **Old Business:** An allocation of \$125.00 per meeting night for refreshments on a motion by N3EQP and 2ed by WA3RVD was voted in. Email <n3eqp@w3kwh.com> for any books wanted for the library.
- ⇒ **Field Day:** AA3CE will chair FD to be operated on the grounds outside the clubhouse on June 28 & 29. We will rent a generator, bring our own radios and antennas, operate as 3E and bring a covered dish for a picnic. \$499.00 was approved for FD expenses on a motion by KB3GMN and seconded by WA3BKD.
- ⇒ **New Business:** N3SBF will get W9UK to give an antenna talk. W3SVJ mentioned that former member W3OPF is now SK and that AI3V donated some radio stuff to the club. Breezeshooters need help setting up for their hamfest and special event June 5, 6 and 7.

Motion to Adjourn: By N3EQP, 2ed by KB3GMN.

50/50 winner KB3VHT.

Minutes submitted by Recording Secretary WA3FWA.

FIELD DAY: JUNE 28 & 29

NEXT MEETING: 17 JUNE, 8:00PM.

Ops are needed for the Pgh. Vintage Grand Prix, July 19 & 20 at Schenley Park. Contact Corky @ (724) 217-5458 if you can help out. I've done it, and it's a blast! See the full scoop on page 10 if interested. Help is also needed for the BeaverRun race weekend, July 12 & 13.





Governor Corbett has once again signed a proclamation that the month of June is Amateur Radio Month. If anyone would like a .pdf copy, they can request it by sending an email to me at <n3mse@arrl.org>.

On June 14 the section will sponsor the second annual Emcomm conference at the University of Pittsburgh in Johnstown, Pa. This will be a combination event with presentations in the morning and workshops in the afternoon. Additional information and registration is available at <<http://www.wpaares.org/>>. There will be numerous door prizes awarded as well to some lucky participants.

A message from Section Emergency Coordinator Harry Bloomberg is below:

"Western PA ARES needs your support to help with our annual Emcomm Conference to be held Saturday June 14 at the University of Pittsburgh-Johnstown. We would like to please ask for some modest donations from both radio clubs and individuals to help support this event. A suggested amount from individuals is \$15, but any amount is welcome and there will be no minimum donation.

Please write checks to "University of Pittsburgh" with a note "UPJ WPA ARES Conference" and mail them to me at my address. Please, do not send cash. Mail to:

Harry Bloomberg, W3YJ
201 Delafield Rd
Pittsburgh, PA. 15215

We appreciate your support and we're looking forward to a great conference."

73, Harry Bloomberg W3YJ
Section Emergency Coordinator, Western PA ARES

Of course June ends with my second favorite event. (The PA QSO Party is my favorite.) June 28-29 is Field Day weekend. I will be visiting as many locations as I can. If you would like me to try to get your club onto my schedule, please send me an e-mail with information on your location.

I hope many of you are enjoying the W1AW portable operation. I have been chasing the stations each week as the relocate from state to state. I am hoping to be able to complete a Worked All States with all the W1AW stations. Also remember that the League is also sponsoring a year long QSO party event. Every member and every field appointment has points assigned to their call sign and they are automatically tabulated using LOTW. Information regarding this event is available at <<http://www.arrl.org/centennial-qso-party>>.

Looking forward to working you on the bands since as Section Manager I give you 175 points for every band and mode you contact me on.

Join one of the many nets conducted on the air. Traffic nets as well as ARES, D-STAR, NBEMS and other digital nets are held weekly.

73, John N3MSE

SOMERSET ARC HAMFEST: JULY 20th. THAT'S ALSO 'MOON DAY'.
(Apollo 11 landed on the moon @2018 UTC, 1969.) **45 YEARS AGO. See page 14 for details.**

THE ARRL W. Pa. SECTION:

SECTION MANAGER:

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

ASSISTANT SECTION MANAGER ASM DIGITAL COMMUNICATIONS:

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

CHIEF ASSISTANT SECTION MANAGER:

Bruce E Watson, AA3LX
4347 Highland Ave. Butler, PA.
16001-2959 (724) 482-2756,
(412) 482-2756 <aa3lx@aol.com>

ASSISTANT SECTION MANAGER, EDUCATION:

Juan Manfredi, NA0B
<juanmanfredi@me.com>

ASM MEDIA LIAISON:

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

AFFILIATED CLUB COORDINATOR:

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

OFFICIAL OBSERVER COORDINATOR:

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

SECTION EMERGENCY COORDINATOR:

Harry Bloomberg, W3YJ
<hpb@pitt.edu>

SECTION TRAFFIC MANAGER:

Herb Gilliland, W3YNX

TECHNICAL COORDINATOR:

David R Heim, KA3SMF
1032 Nimick Ave, Monaca, PA.
15061-1333
(724) 774-3733
<ka3smf@arrl.net>

PUBLIC INFO COORDINATOR:

Lloyd Roach, K3QNT





⇒ **Two major American Amateur Radio manufacturers are joining forces. Alpha Amplifiers and TEN-TEC have announced that they will merge under the RF Concepts brand.** The announcement came May 9 in Longmont, Colorado, where RF Concepts and Alpha are headquartered. TEN-TEC, the older of the two concerns, is located in Sevierville, Tennessee. The merger creates a multi-million-dollar company with a product line that extends from QRP transceivers to legal-limit amplifiers. RF Concepts/Alpha Amplifiers has been in business since the early 1970s and has produced more than 13,000 amps. TEN-TEC, founded in 1968 as a maker of transceivers for the QRP community, has expanded its line over the years to include a range of transceivers -- from basic to top-tier -- receivers, tuners, amplifiers, and accessories. While there is a small overlap in the companies' respective product lines, RF Concepts Chairman Michael Seedman, AA6DY, called the union "the perfect combination of Amateur Radio brands."

"For more than 40 years, Alpha Amplifiers and TEN-TEC have shared a reputation in the Amateur Radio market for offering exceptionally well-engineered, American-made products backed by extraordinary customer service," said Seedman. "Alpha Amplifiers is known for 'key-down performance,' and TEN-TEC is known for pushing the boundaries of transceiver performance and capabilities." Such a merger "makes perfect sense," he added, pointing out that the merger will more than double the size of RF Concepts, allowing it "to invest more capital in innovative engineering and customer-driven product development."

Plans call for RF Concepts to share operations between its Colorado and Tennessee locations, and the company is looking for a new operations facility in the Sevierville area that would house manufacturing as well as some engineering resources as well as technical and customer support services. TEN-TEC had announced that it would not be holding its annual hamfest in Tennessee this year, due to plans to relocate its headquarters this fall. TEN-TEC announced "a massive moving sale" during September. The Colorado facility will house engineering resources, technical and customer support services, and much of the front-office operation.

Announcement of the merger came a week before Dayton Hamvention®, where both Alpha and TEN-TEC will continue to operate separate booths. Alpha will be demonstrating its not-yet-released Dream Tuner 4040 Automatic Antenna Tuner, while TEN-TEC will unveil the Patriot, an open-source, Arduino-based SSB transceiver.

The two companies are privately held, and terms of the merger were not disclosed.

⇒ **The US House Armed Services Committee has expressed its continued support for the Military Auxiliary Radio System (MARS) program.** The endorsement was included in a report accompanying HR 4435, the FY15 National Defense Authorization bill, subsequently approved by the full committee. The House Armed Services Committee also reiterated a series of recommendations it made 2 years ago to strengthen the program. Sponsored by the US Department of Defense, MARS is an organization of Amateur Radio volunteers who provide "contingency communications support" to the Defense Department and to US Government operations.

"In addition to providing an important backup to conventional communications that is potentially vulnerable to disruption or degradation, MARS can play a vital role in helping to ensure continuity of government and continuity of operations in the event of a natural or man-made disaster," the committee said. The House panel also expressed concern that the Defense Department was not taking full advantage of the capabilities that MARS provides, and it directed military officials "to integrate MARS more fully into their operational planning and activities." It also called for integrating MARS into the Department of Defense emergency communication plan.

The committee noted that actions it recommended in its FY13 National Defense Authorization Act report had not yet taken place. The committee directed the Secretary of Defense to ensure standardization of operating policies and procedures among the three MARS branches -- Army, Air Force, and Navy-Marine Corps, through the appointment of an individual manager. The committee also directed the Secretary to brief the committee on the status of the Defense Department document, now under revision, that provides policy guidance and outlines departmental responsibilities for MARS.

"There is growing recognition of the valuable role MARS plays in serving those who serve us," said David J. Stapchuk, Chief of Air Force MARS. "We are proud to contribute to our nation's security through the valuable support our volunteer members provide." *Thanks to Dave Trachtenberg, N4WWL/AFA3TR, National Planning Coordinator, Northeast Division MARS Director, USAF MARS*





- ⇒ **OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Andaman and Nicobar Island, VU4K, 2014 operation, Albania, ZA/IZ4JMA, 2013 and 2014 operations. Laos, XW7T, 2014 operation.
- ⇒ **RADIO AMATEURS IN VIETNAM GET NEW FREQUENCIES.** According to the Vietnamese Amateur Radio Club, Amateur Radio operators there now can operate between 7100 and 7200 kHz (in addition to 7000 to 7100 kHz), 10,100 to 10,150 kHz, 3500 to 3900 kHz, and 1800 to 2000 kHz. Also, a new band has been allocated at 472 to 479 kHz.
- ⇒ **FRANCE, TM.** TM70BBC commemorates D-Day on the air from June 3 to 13. QSL via F5UOW. TM70UTAH marks the Allied landing on Utah Beach 70 years ago. They will be QRV from June 2 to 12 on 80 meters to 10GHz using CW, SSB, and digital modes. QSL via F5RJM, or LoTW. Logs also available on ClubLog.
- ⇒ **PANAMA, HP.** Jose, HP2B (ex-HP2AT), Jose, HP2BWJ, Emilio, HP2E, Max, HP2EK and others will be QRV for the 100th anniversary of the Panama Canal as 3E100PC from June to August. QSL direct via HP2B, or LoTW.
- ⇒ **ST. PIERRE & MIQUELON, FP.** Eric, FP/KV1J will be active from July 5 to 15. He plans to be on SSB, RTTY and some CW, on 80 to 10 meters and 6 meters if it opens. QSL direct or bureau to his home call, LoTW or eQSL.
- ⇒ **CANADA, VC.** Special call VC3JUNO will be QRV June 6 to July 31 to commemorate the 70th anniversary of the D-Day landings in Normandy, France. QSL via LoTW or direct or bureau to VE3JO.
- ⇒ **MARIANA ISLANDS, AH0.** Wataru, JA3IUY, will be active as AH0CI from the Saipan Rental Shack (Himawari Hotel) [USI NI-002S, WLOTA 1333), Northern Mariana Islands (OC-086), between June 21-22nd. Activity will be on all bands and modes. QSL via his home callsign, direct or by the Bureau.
- ⇒ **PALESTINE, E4.** Licensed recently, operators Walaa/E41WT and his XYL Mai/E41MT from Gaza are expected to be on air soon. Their QSL Manager is Ayman, KB9GSY, who is also looking for donations of ham gear, antennas, and etc. for the husband and wife team. If interested, get in touch directly with him or visit: <<https://fundly.com/e41wt-e41mt>>.
- ⇒ **DXCC COUNTRY/ENTITY REPORT.** According to the AR-Cluster Network for the week of Sunday, 25th-May, through Sunday, 1st-June there were 218 countries active. Countries available: 3A, 3B8, 3B9, 3D2, 3V, 3W, 4J, 4L, 4O, 4S, 4U1I, 4X, 5A, 5B, 5H, 5N, 5R, 5T, 5W, 5X, 5Z, 6W, 6Y, 7Q, 7X, 8P, 8R, 9A, 9G, 9H, 9J, 9K, 9L, 9M2, 9M6, 9N, 9Q, 9V, 9Y, A3, A4, A6, A7, A9, BV, BY, C3, CE, CE0Y, CE9, CM, CN, CP, CT, CT3, CU, CX, CY0, D2, D4, DL, DU, E5/s, E6, E7, EA, EA6, EA8, EA9, EI, EK, EL, EP, ER, ES, ET, EU, EX, EY, EZ, F, FG, FH, FK, FM, FO, FP, FR, FW, FY, G, GD, GI, GJ, GM, GU, GW, HA, HB, HB0, HC, HI, HK, HL, HP, HR, HS, HV, HZ, I, IS, J2, J3, J6, J7, J8, JA, JD/o, JT, JW, JY, K, KG4, KH0, KH2, KH6, KH9, KL, KP2, KP4, LA, LU, LX, LY, LZ, OA, OD, OE, OH, OH0, OK, OM, ON, OX, OY, OZ, P2, P4, PA, PJ2, PJ4, PY, PZ, S0, S5, SM, SP, ST, SV, SV5, SV9, T32, T5, T7, T8, TA, TF, TG, TI, TJ, TK, TR, TY, UA, UA2, UA9, UK, UN, UR, V2, V3, V4, V5, V6, V7, V8, VE, VK, VK9N, VP2E, VP2M, VP8, VP9, VR, VU, XE, XW, XX9, YA, YB, YL, YN, YO, YS, YU, YV, Z2, Z3, Z8, ZA, ZB, ZC4, ZD7, ZD8, ZF, ZL, ZP, ZS * PLEASE NOTE: The report "could" contain "Pirate/SLIM" operations or more likely a "BUSTED CALLSIGN". As always, you never know - "Work First Worry Later".
- ⇒ **CHRISTMAS/COCOS-KEELING ISLANDS, VK9.** A JA team is planning to be active from Christmas Island (VK9X) and Cocos-Keeling Island (VK9C) sometime between late July and early August. Operators mentioned are Mars/JA3FVJ, Ichiro/JA3QWN, Ikuo/JA3TJA, Masa/JF3PLF and Taka/JH3FUK. Callsigns have been announced. Their tentative schedule is as followings:
- VK9EC (Cocos Keeling) - between July 29th and August 2nd; IOTA OC-002
- VK9EX (Christmas Island) - between August 2nd-8th; IOTA OC-003
- Activity will be holiday style on 160-6 meters using CW, SSB, FM, RTTY and PSK31. QSL via JF3PLF, direct or by the Bureau (within one year of operation). Uploads to LoTW or ClubLog will be available after their operation (highly recommended). A Web page is available, but is still under construction at: <<http://vk9.nobody.jp/index.html>>.

DX news appears courtesy of and ©2014,
ARRL, OPDX/KB8NW/BARF80 &
425 DX News.





>>Local repeating events<<

NETS: (Set your 2M FM tone to 131.8 for all except QCWA which is 123.0.)

Breezeshooters net: 28480KHz every Monday night @9:00PM local.

Allegheny County ARES net: 147.090Mhz (+600KHz offset) every Wednesday night @ 9:00PM local. The back-up machine is the 146.730Mhz (-600KHz offset) repeater.

WACOM 2M Net: 145.490Mhz (-600KHz offset) every Tuesday @8:30PM local.

WACOM 10M net: 28340KHz every Tuesday @9:00PM local.

WACOM YL Net: 146.790Mhz (-600KHz offset) every Wednesday @7:30PM local.

WACOM Elmer net: 146.790Mhz (-600KHz offset) every Wednesday @8:00PM local.

WASH 2M net: 146.955Mhz (-600KHz offset) every Sunday night @9:00PM local.

WASH Digi Net, Wednesdays @ 9:30PM local, 146.955 repeater. Mode: MT63-2KL

NHARC net: 147.090Mhz (+600KHz offset) every Tuesday night @8:30PM local.

QCWA Chapter 6: 147.030 (+600KHz offset) every Sunday morning @8:30AM local.

Beaver County Public Service Net: 146.850Mhz (-600KHz offset, tone 88.5) every Monday night @8:30PM local.

LOCAL CLUB MEETINGS:

SCARC: The third Tuesday of the month, 8:00PM @ the clubhouse.

SCARC Social night: Every Wednesday, except the week of the business meeting, 7:00PM or so @ the clubhouse.

WASH: The second Thursday of every month, 7:00PM @ the Crossroads Ministries Church, 88 Walter Long Road, off Route 88, Finleyville, PA.

WACOM: The first Thursday of every month, 7:30PM @ the Washington County Building, Room 103, 100 West Beau Street, Washington, PA. 15301.

GPVHF Society: The first Monday of every month, 7:00PM @ the Salvation Army Disaster Services HQ, 820-825 Parish Street, Pittsburgh, PA. 15220.

North Hills ARC: The second Wednesday of every month, 7:00PM @ the Parkwood United Presbyterian Church, 4289 Mt. Royal Blvd., Allison Park, PA. 15101. (NEW LOCATION.)

Skyview: The first Tuesday of every month, 7:30PM @ the clubhouse, 2335 Turkey Ridge Road, New Kensington, PA. 15068.

Beaver Valley ARA: The second Thursday of every month, 6:30PM @ the Beaver County Emergency Operations Center, 351 14th Street, Ambridge, PA. 15003.

MISCELLANEOUS:

WASH breakfast: Last Saturday of every month, 8:00AM @ Suzy B's, Route 910 @ Route 519 @ US 19, Canonsburg, PA.

Beaver Valley ARA breakfast: Every Thursday, 10:30AM @ Rainaldi's Restaurant, 210 Fairview Drive, Center Township, PA. 15061. (724-774-1877)

TRARC Hams & Eggs breakfast: 2nd Saturday of the month, Kings Family Restaurant, Route 48 & US Route 30, North Versailles. 9:00AM.

Send any additions/corrections to: <KQ3DX@hotmail.com>.

NHARC-sponsored nets:

- **Sundays at 7:30 p.m.** - 147.090 - South-1 Dist. ARES Net
- **Sundays at 8:30 p.m.** - 146.880 - NHARC Club Teen (Under 21) Net (Contact: Local EC)
- **Sundays at 9 p.m.** - 147.090 - Pittsburgh Area Scanners Net (Contact: WA3FKG)
- **Wednesdays at 9 p.m.** - 147.090 - Allegheny County Public Service Net (Contact: N3RDV)
- **Thursdays at 7 p.m.** - 146.880 - Scout Net (Contact: N3ZX)
- **Thursdays at 8:30 p.m.** - 50.50MHz - 6 Meter Net
- **Thursdays at 9:30 p.m.** - 146.880 - Rail Fan Net (Contact: KB3HPC)
- **Saturdays at 9 p.m.** - 146.880 - NHARC Elmer Net (Contact: N3BPB)
- **Every Day at 8 p.m.** - 146.880 - Western PA 2m Traffic Net (Contact KA3BGC)
- **1st & 3rd Wednesday of every month at 8:30 p.m.** - 147.090 - Allegheny County Skywarn Net

SOMERSET HAMFEST: 20 JULY



Local events needing our support: PVGP BeaveRun Race, 12-13 July, NHARC Hamfest, 19 July, PVGP Race weekend (Schenley Park), 19-20 July.

Roll-call (Current as of 22 May 2014)

TOM	AA3CE
DAVE	AA3EE
JAY	AB3KD
BOB	AD3Q
JASON	AE3JM
MARK	A13J
STEW	AK3J
JUERGEN	DC3RJ
BRIAN	K3BAK
BILL	K3RYA
BRIAN	K5BPC
SUE	KA3JKS
DEAN	KA3LIW
LLOYD	KA3MSE
CHRIS	KA3PXQ
WALT	KA3YNO
TOM	KB3CZX
CAROL	KB3GMN
BOB	NU3Q
BOB	KB3NZX
JOYCE	KB3ORO
COLIN	K0LIN
KEN	KB3REE
JOHN	KB3VHT
RON	KB3YYE
GABRIEL	KB3ZKC
JEFF	KC3BYW
JENNIFER	KF5ODL
JAMES	KJ3D
GREG	NB3C
DOC	KT3L
DELLA	N3DQ
BILL	N3DXE
JOHN	N3EQP
BRUCE	N3GHI
GLORIA	N3GHO
BOB	N3LL
LEE	N3SAF
RITCHIE	N3SBF
CHUCK	N3UUZ
BILLY	N3VEF
KEN	NN3F
DOUG	W3HH
RICHARD	W3RKT
NATE	W3SVJ
TIM	W3WTW
ART	WA3BKD
JOE	WA3FWA
MIKE	WA3PYU
MEL	WA3RVD
KARL	WA3VXJ
BOB	WA3YCU
JOE	WB3AGB
DALE	WB3CRC
BOB	WB3HDI
RICH	WB3JLK
DAVID	WQ3T

Local & Repeating Events





From: Bill Edgar, N3LLR – ARRL Director, Atlantic Division

Dear Gang,

Please accept this as my personal invitation to you to attend the 2014 ARRL National Centennial Convention, July 17-19 in nearby Hartford, Connecticut. Advance registration is recommended, and you may do so by visiting <ARRL2014.org>. I recommend that you register as quickly as possible.

This is a once-in-a-lifetime opportunity to come together with other members and friends as we celebrate the very best of the ARRL and Amateur Radio. Already, registrations have been received from all 50 states and 22 countries. This will be a CELEBRATION to remember!

The event is being held at the Connecticut Convention Center in downtown Hartford, within arm's reach of the picturesque Connecticut River. This is a handsome, modern facility where we'll host all of the convention activities. A free shuttle connects many of the downtown hotel options (visit <ARRL2014.org> for convention rates at nearby hotels). The convention center is handicap accessible.

On Thursday, July 17th, the ARRL Centennial Convention will feature all-day training tracks (advance registration is required). These workshops will be led by the top national-level trainers and experts in Amateur Radio. On Friday, July 18th, and Saturday, July 19th, the convention will feature a huge exhibit hall and 70+ hours of forums and special presentations. FEMA Administrator Craig Fugate, KK4INZ will give the keynote address at the Centennial Banquet on Friday night (over 600 have registered already!), and Nobel Prize Winner, Joe Taylor, K1JT, will speak Saturday at noon.

ARRL Headquarters in nearby Newington is rolling out the red carpet for all convention attendees. Shuttle buses will run attendees to ARRL HQ (about 15 minutes away) for tours of the main administrative building, grounds & antenna farm, and W1AW—The Hiram Percy Maxim Memorial Station. If you've never visited 225 Main Street, now's your chance!



Bring the entire family! We have tours planned on Friday and Saturday for spouses, companions or any family member who might not be interested in attending the convention activities. On Friday, a tour is planned of the Mark Twain House and Harriet Beecher Stowe Center; on Saturday, a visit to the Wadsworth Atheneum—the oldest public art museum in the US. These tours require convention registration. The Connecticut Science Center is next door to the convention center, and is offering half-price admission to all convention registrants and their families throughout the weekend.

There's so much planned I can't begin to cover it all here. Please visit the official convention registration site to review the entire agenda: <ARRL2014.org>. Let's make history! See you in Hartford!

73 de Bill, N3LLR

NHARC HAMFEST: July 19th.
See page 13 for more info.



So what's up with Heathkit? About a year or two ago, Heathkit announced they were back in business. Trouble is, ever since then, it appears to be lip service. Nobody knows who the owners are, and they ain't coming forth to tell us either. They say that they would rather focus on running the company than on being celebrities. Why all the hush-hush? Tell us who you are; it'll add credibility to your operation. I filled out the online survey OVER a year ago which supposedly added me to their E-Mail list, making me an official 'Heath Insider'. I have yet to receive a single E-Mail. So, that begs the question: Are they for real? I dunno, but time will tell. Me personally, I ain't holding my breath any longer.

WEBSITE: <www.heathkit.com>

(HAH! You watch; after I publish this, their website will open up with all kinds of way-cool toys....)



Here's some shots of the 6M antenna going up the tower. Art, WA3BKD, Dave AA3EE, and John KB3VHT came out on a nice spring day to hang it. Thanks for your efforts, gents. Pics courtesy of & ©2014, KB3VHT.



Up The Tower Goes The 6M Antenna....



Amateur Radio Operators Needed For The 2014 Pittsburgh Vintage Grand Prix

The Pittsburgh Vintage Grand Prix is seeking Amateur Radio operators to work the flag & safety corners, and provide race communications for the 2014 PVGP events.

This year, Amateur Radio operators are needed for these race weekends:

The Historic Race Weekend on July 12th - 13th, at Pitt Race (formerly BeaveRun Motorsports Complex) in Beaver Falls, featuring Muscle Cars & European Racers from the 60's & 70's.

The Vintage Race Weekend on July 19th & 20th, in Schenley Park in the Oakland section of Pittsburgh, featuring sports cars from the early days of automobiles through the 1950's.

For more information or to volunteer, please call Corky Bennett, N3MJP at (724) 217-5458.

Well, it was nice to see who I saw at the Breezeshooters hamfest on the 1st Sunday of June. What a nice day too. Perfect weather. Saw quite a few people from the club and chatted a bit. Nice to see all are enjoying good health.

Hope those of you that went to Dayton had a good time. Me, I was on vacation that week and spent most of it SICK. Thought about going as I was pretty much over my cold by Thursday, but looking at the forecast, and the cold/rain they said was coming, I decided to bow out this year. Figgered I didn't need to be walking around in upper 40's temps just having gotten over a cold. Heard from a few different people that the crowd was WAY down. I also believe that the rooms where we stay were NOT sold out. Whither Dayton? I don't think so, but me personally, I think they need to get away from the arena. I understand it's getting pretty run down. I missed this year and last, so I can't wait to see how nasty it's gotten since 2012. I'd also like to see them move it back to April. Yeah; the weather usually sucked in April, but the crowds were 30,000 plus. Nowadays, it's down to around 20,000-25,000.

A busy July awaits us. The Pittsburgh Vintage Grand Prix occupies 2 weekends where ops are needed: July 12-13 at Pitt Race, AKA BeaveRun, and then the big race weekend, July 19-20 at Schenley Park. Can you help? It's a lot of fun if you can. See the contact info above. 2 Hamfests too: North Hills on the 19th, Somerset on the 20th. See [pages 13 & 14](#) for the scoop. There's a big CQ VHF contest the weekend of July 19 & 20 too. Experienced tester? If not, worry not. We have fun first and foremost. We'll show you the ropes. Come on out to the club, have some fun, learn contesting, have a few laughs and enjoy some interesting conversation along the way.

OOH.....Don't forget about Field Day. This year it'll be June 28 & 29. AA3CE is the man with a plan for this shindig, so if you can help, let him know. They're gonna run an outdoor event this year, so they'll need antennas, radios, accessories, etc. BYOE (Bring your own equipment). But first, the ARRL June VHF Contest is in the offing. This'll be THIS COMING WEEKEND, the 14th & 15th of June. Come on out to the clubhouse and see what weak-signal work is all about on the VHF bands.

Congrats go out to N3LL, in Florida, who just achieved WAS on 6M. Alaska was the last one Bob needed. Me, I think I have Pa. confirmed on 6M. Only 49 more to go.....(HAH!)

That's it for this month. CUL/73 de NB3C. Thanks for reading.....

HOSFELT ELECTRONICS IS CLOSED

Yep.....Steubenville, OH. retailer Hosfelt Electronics has closed its doors. They were at the Breezeshooters hamfest, where the owner said it would be his last one. He cites health issues and old age as having caught up with him, and indeed, the website has a big 'Closed' sign displayed across the home page. I hear he has sold his inventory to someone else, so we'll have to wait and see if the business is reincarnated under a different name.





As you may know, Mike, WA3PYU and Kathy, KA3VXM have been the lead operators for the National Disaster Medical System (NDMS) drill that occurs yearly at the Air Force Base. He and Kathy will be on vacation when it is scheduled on Saturday, July 12 and will not be able to lead it this year.

Mike suggested to his contact that Steel City might be able to provide amateur radio operators to provide their communications. Club President Brian sent me a copy of the original request that Mike received. I spoke to Mr. Rossi, the coordinator of the drill and asked him what would be expected of us.

He said that five to six volunteers would be needed. Two or three would shadow personnel. Two or three would operate from fixed positions. At least two members should be there by 7:00AM. The actual exercise would begin by 10:00 to 10:30AM. The reason for the early start is that they are bringing in Civil Air Patrol Cadets to act as casualties and it takes time to apply make up.

It would be desirable to have photo ID to enter the base. There are no other credentials required. Certification is not needed but ICS certification would be nice. Those courses are available online from FEMA and are free but are not necessary.

Hand held radios should be adequate for the operations. It seems to involve unloading casualties from incoming aircraft, putting them in ambulances and sending them to a designated area that acts as a hospital. The exercise should end around 2:00 PM. If you would like to volunteer, let me know by E-Mail or at the club. 73/Tnx fer ur help de Lloyd, KA3MSE.

The 2014 PEMA Conference is going to be held September 21st-26th at Seven Springs Mountain Resort located in Somerset County. There will be an ACS/RACES track held on Sunday September 21st. The track will be broken into 2 rooms. 1 room will cover technical subjects including but not limited to:

- ⇒ High Speed Mobile Mesh Networks
- ⇒ Satellite Networks
- ⇒ FLDigi Networks
- ⇒ "Go Kits"
- ⇒ Using ICS Forms that deal specifically with communications



The second room will include more administrative subjects including but not limited to:

- ⇒ Running effective net check-ins
- ⇒ Recent amateur radio training of Pennsylvania's National Guard units
- ⇒ The use of auxiliary communications (REACT) during the 1979 Johnstown Flood
- ⇒ Military Amateur Radio Service (MARS) Update
- ⇒ Civil Air Patrol (CAP) Update
- ⇒ American Radio Relay League (ARRL) Update
- ⇒ A round-table on issues affecting local, county and state ACS/RACES organizations and our partner organizations



I really don't have much more to tell you at this time as we are still working on the details. I do however need to ask you for some information required to plan for the size of the meeting rooms, and how many hotel rooms we will need to hold. Please get back to me as soon as possible with information as to how many volunteers from your organization are planning to attend the ACS/RACES track at the conference and how many of them will be needing rooms. I think this will be a good, well rounded track and hope to see you there.

If you're interested in attending, please let me know: Susan D. Singer | Emergency Management Specialist Commonwealth ACS Coordinator Division of Logistics & Resource Management | Pennsylvania Emergency Management Agency | 2605 Interstate Drive | Harrisburg, PA 17110
Phone: 717.836.3162 | Cell: 717.712.8931 | Fax: 717.651.2021
<www.pema.state.pa.us<<http://www.pema.state.pa.us>> (NB3C sez: Respond direct to Susan.)



June 2014 - July 2014

The S.C.A.R.C. Bi-Monthly Contest/Event Planner

June 2014						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
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29	30					

August 2014						
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31						

October 2014						
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December 2014						
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February 2015						
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April 2015						
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26	27	28	29	30		

June 2014			July 2014		
1	Sun	Breezeshooters Hamfest	1	Tue	RAC Canada Day Contest
4	Wed	SCARC Social Night	2	Wed	SCARC Social Night
7	Sat	10-10 Int. Open Season PSK Contest	4	Fri	HAPPY BIRTHDAY USA!
7	Sat	VK Shires Contest	4	Fri	MI QRP July 4th CW Sprint
7	Sat	Wake-Up! QRP Sprint	5	Sat	MI QRP July 4th CW Sprint
7	Sat	SEANET Contest	5	Sat	Venezuelan Ind. Day Contest
7	Sat	Maritimes QSO Party	5	Sat	DL-DX RTTY Contest
8	Sun	10-10 Int. Open Season PSK Contest	6	Sun	Venezuelan Ind. Day Contest
8	Sun	VK Shires Contest	6	Sun	DL-DX RTTY Contest
8	Sun	SEANET Contest	6	Sun	DARC 10-Meter Digital Contest
8	Sun	Maritimes QSO Party	9	Wed	SCARC Social Night
11	Wed	SCARC Social Night	12	Sat	PVGP BeaverRun Race Weekend
11	Wed	NAQCC Straight Key/Bug Sprint	12	Sat	IARU HF World Championship
14	Sat	ARRL June VHF Contest	12	Sat	FISTS Summer Sprint
14	Sat	Asia-Pacific Sprint SSB	13	Sun	PVGP BeaverRun Race Weekend
14	Sat	Portugal Day Contest	13	Sun	IARU HF World Championship
14	Sat	GACW WWSA CW DX Contest	15	Tue	SCARC Business Meeting
14	Sat	REF DDFM 6m Contest	17	Thu	NAQCC Straight Key/Bug Sprint
14	Sat	Kid's Day Contest	19	Sat	NHARC Hamfest
15	Sun	ARRL June VHF Contest	19	Sat	PVGP Schenley Park Race Weekend
15	Sun	Portugal Day Contest	19	Sat	CQ Worldwide VHF Contest
15	Sun	GACW WWSA CW DX Contest	19	Sat	DMC RTTY Contest
15	Sun	REF DDFM 6m Contest	19	Sat	North American QSO Party RTTY
16	Mon	ARRL June VHF Contest	20	Sun	PVGP Schenley Park Race Weekend
17	Tue	SCARC Business Meeting	20	Sun	CQ Worldwide VHF Contest
19	Thu	NAQCC Straight Key/Bug Sprint	20	Sun	Somerset ARC Hamfest
21	Sat	All Asian DX Contest CW	20	Sun	DMC RTTY Contest
22	Sun	All Asian DX Contest CW	20	Sun	North American QSO Party RTTY
25	Wed	SCARC Social Night	23	Wed	SCARC Social Night
28	Sat	ARRL Field Day	26	Sat	RSGB IOTA Contest
28	Sat	Ukrainian DX DIGI Contest	27	Sun	RSGB IOTA Contest
28	Sat	His Maj. King of Spain Contest SSB	30	Wed	SCARC Social Night
28	Sat	Marconi Memorial HF Contest			
29	Sun	ARRL Field Day			
29	Sun	Ukrainian DX DIGI Contest			
29	Sun	His Maj. King of Spain Contest SSB			
29	Sun	Marconi Memorial HF Contest			

July 2014						
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September 2014						
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November 2014						
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January 2015						
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March 2015						
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29	30	31				

May 2015						
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24	25	26	27	28	29	30
31						



NORTH HILLS AMATEUR RADIO CLUB

An ARRL Special Service Club

29th ANNUAL HAMFEST

SATURDAY JULY 19, 2013

GENERAL ADMISSION \$5 EACH

Gates open 8:00 am to 1:00 pm

RAFFLE : 3 Grand Prizes

Plus Hourly Prizes and 50/50 Raffle

Set-up Time: 6:00 am
Indoor Tables \$10
Tailgaters \$5/Space
Advanced Reservations
Available from:

John Fowler—KB3YBS
200 Lee Ave.
Pittsburgh, PA 15237
johnr.fowler@gmail.com
412-366-3133
412-496-3720
REGISTER NOW!

Location

Parkwood Presbyterian Church

4289 Mt. Royal Boulevard

Allison Park, PA 15101

Talk-in Frequency 147.090 PL 88.5

FREE PARKING

Vendors: KJI and others + Flea Market

Handicap Accessible

Light Breakfast and Lunch Available

FREE COFFEE!

VE Sessions to be held

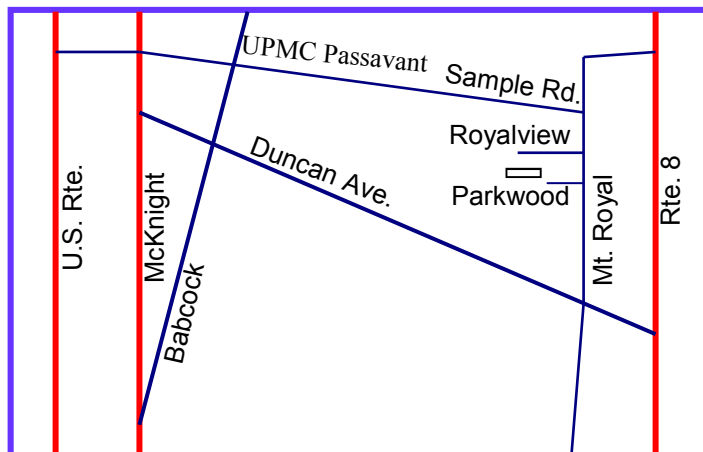
To Parkwood U.P. Church:

From Rte. 8 south - Travel to light at Mt. Royal Blvd., turn left. Continue to Parkwood Church on right, just past Royalvue.

From Rte. 8 north - Travel to Mt. Royal Blvd., turn right. Continue to Parkwood Church on right, just past Royalview.

From Rte. 19 or McKnight Rd. south - Turn right on Cumberland Rd. past UPMC Passavant Hosp. Continue across Peebles on Sample to Mt. Royal Blvd., turn right to Parkwood Church on right.

From Rte. 19 or McKnight Rd. north - Turn left on Cumberland Rd. past UPMC Passavant Hosp. Continue across Peebles on Sample to Mt. Royal Blvd., turn right to Parkwood Church on right.



THREE GRAND PRIZES

1. FLEX-1500 QRP Software Defined Radio—

The latest addition to the “FLEX” family of software defined radios. The FLEX-1500 is the quintessential entry-level SDR from the same company that brought you the innovative FLEX-5000 and FLEX-3000 software defined radios. The FLEX-1500 comes packed with features that make it ideally positioned to be the ultimate low cost, high performance IF deck for VHF-microwave transverter operation. There are continuous improvements and upgrades provided by PowerSDR. The FLEX-1500 is by far the best value for any entry level amateur radio available today produced by any manufacturer. The FLEX-1500 has adjustable filtering features built into the software that make it as quiet and sensitive as other receivers costing thousands more. You'll be amazed at what it can do.

2. ICOM ID51A Dual Band Handheld— VHF/UHF dual bands. A rich D-STAR and integrated GPS receiver feature set. AM/FM broadcast bands can be monitored also.

3. RIGblaster Advantage— Operate your favorite digital mode or CW keying through your P.C. Has its own sound card. CW keying for CW and RTTY keyboard output.

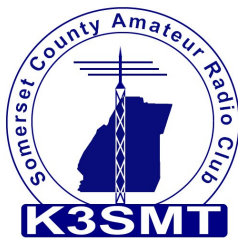
OTHER RAFFLES

50/50 Raffle 50% of the amount collected in the Prize Jar all day. The winner need not be present. We'll call you if you win the prize.

Hourly Door Prizes We will raffle a prize every hour beginning at 9 am until 2 pm. Prizes will include gift certificates for various ARRL Publications and other useful items. Prizes will be called by number from your admission ticket so please don't toss it. Winner must be present.

GUNS OR AMMUNITION MAY NOT BE SOLD DURING THIS EVENT

Been Here? Please, return with a friend.
If not, it is the best hamfest you have not attended. Attend this year.



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



ARRL
Sanctioned

New Date

NEW breakfast and lunch menus
Provided by Oakwood Restaurant

Same Location

Free Parking

Sunday, July 20, 2014 – 8:00 a.m. to 1:00 p.m.

Where: Somerset County Technology Center
281 Technology Drive, Somerset, PA 15501

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

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

Indoor Tables: Pre-Registration Required

Free Coffee

FREE
Outside
Tailgating

ARRL VE Testing
at 10:00 am
Fee \$15.00

New Main Prize Certificates

FIRST — \$500 KJI

SECOND — \$200 KJI

THIRD — \$100 KJI

FOURTH — \$75 Eagle 1

FOURTH — \$25 Created by Amy

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



Created By Amy

Apply the Certificate value to what you want!

Prize Tickets: \$1.00 each

PLUS Black Box Mystery Prize Tickets @ \$5.00 each

Additional vendors and
activities to be added
when confirmed




America's County
SOMERSET • PENNSYLVANIA

**No-cost 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**

**Continue straight to
the 4th stoplight,
turn left onto
Route 31 East.
Go 2.0 miles and
turn left onto
Technology Drive,
continue 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

Steel City Amateur Radio Club, Inc. Membership Application

Date: _____

Name: _____ Call: _____

Street: _____

City: _____ Co.: _____ State: _____ Zip: _____

Home Phone: _____ Business: _____ E-Mail: _____

Birthday: _____ License Class: _____ Expiration Date: _____

Are you a member of ARRL? YES ____ NO ____ Membership Number: _____

What modes and bands interest you?

Are you interested in working contests? YES ____ NO ____

Which ones? _____

Are you willing to participate in work parties for maintenance and upkeep of the club, facilities?

YES ____ NO ____ If no, explain: _____

The Steel City Amateur Radio Club, Inc. is open to an who are interested in Amateur Radio. We are looking for good, active, responsible members. You will be expected to abide by the constitution and by laws of the club, and uphold the Amateur Radio Operator's Code. You are encouraged to attend our business meetings held on the third Tuesday of the month at 8:00 p.m, and our social night every Wednesday with the exception of the Wednesday following the monthly business meeting.

Your application will be held for six months. During this time you will be required to attend at least three business meetings. This application will be reviewed at the required three meetings. A vote for membership will be held at the third meeting. If these requirements are not met, your application will be dropped. You may reapply.

I agree to the above (Applicants Signature): _____ Date: _____

Sponsor's Signature: _____ Date: _____

FOR MEMBERSHIP COMMITTEE PURPOSES ONLY:

Date Application received: _____ First Reading: _____ Second: _____ Third: _____

Date of Membership Vote: _____ Application Rejected: _____

Membership Committee Approval: _____

Steel City Amateur Radio Club
P.O. Box 281
Carnegie, Pennsylvania 15106

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



NEXT
MEETING:
17 JUNE,
8:00PM

