

JULY 2009 | ISSUE 7

**NEXT MEETING: JULY 21 @THE CLUB-
HOUSE. MEETING STARTS AT 8:00PM.
FOOD & SOCIALIZING FUN STARTS
IMMEDIATELY THEREAFTER.
CU THERE!**



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► YOU CAN NOW SEE THE
NEW AND IMPROVED INFO
PAGE, ALONG WITH CLUB
OFFICER INFORMATION AND
TABLE OF CONTENTS ON
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► FOR THE BUSINESS
MEETING MINUTES, TURN TO
PAGE 4

► SEE WHAT'S GOING ON IN
THE MONTHS OF JULY &
AUGUST: **PAGE 27** FOR JULY
& **PAGE 28** FOR AUGUST.

KiloWatt Harmonics

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

A big 'Thank You' for the contest(s) effort.

Turns out that June was a big contest month for the club. Not only did we have the ARRL June VHF QSO Party, but we had ARRL Field Day 2009 too. Many thanks to all of you who came out and participated in these events. Concerning the Field Day tally, we had a total of 522 CW QSOs and a total of 418 Phone QSOs. Total QSO points is 1462 with a claimed score of 2924. Lots of pics inside starting on **page 14**, along with a list of participating ops. While I don't have the stats for the VHF QSO Party, I know we made in the neighborhood of around 200 QSOs. Thanks to all of you for the fine contesting effort put forth in these 2 events.



New repeater antenna up & running

If you have not heard about this yet, the new repeater antenna has been installed. With the help of Chuck N3UUZ and Bob KB3NZX as ground crew and with a considerable amount of co-operation from Mother Nature we got the antenna high above Terra-firma on 6/18/09. First trip up the tower was to reconnoiter and second trip got us back on the air with the shiny new radiating device. Everything went well with only one, very minor, hitch that was resolved in under a minute. Please pass the word around, as not everyone receives e-mail, that some signal reports from around the area would be appreciated. I am pretty confident that everything will work well and I am particularly interested in hearing some reports on how the 440 side is doing. I can hear it fairly well with the WRONG antenna on my end so I am guessing the 440 machine is doing better.

Thanks go out to my ground crew and for everyone's patience on getting the new antenna installed.
73, Bob, WB3HDI (SEE THE PICS ON PAGES 8 & 9)

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KiloWatt Harmonics,
2009

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Amateur Radio Club

Edited by Greg Babin, NB3C

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organization.

The Steel City Amateur Radio Club (412) 787-0777
2M Repeater: 147.030/147.630MHz (PL 123.0)
70cm Repeater: 444.450/449.450MHz (PL 103.5)
WA3TTS Beacon: 144.300MHz (CW)
WA3TTS Beacon: 50.070MHz (CW) 1/2 w ERP
ATV Repeater: 426.250MHz (Currently off-line.
Contact AA3EE for more info.)
1296MHz Beacon: 1296.269MHz (CW) 1W

AND I COULDN'T HAVE PRODUCED THIS
NEWSLETTER WITHOUT THE HELP OF
THESE FINE PEOPLE: WB3HDI, N3UUZ,
WA3TTS, WA3RVD, N3MSE, N3LLR,
W3WTW, NU3Q, WA3FWA, WA3BKD &
ARRL. THANKS ALL, FOR YOUR
EFFORTS. 73 DE NB3C ET AL!

In The World Of DX.....

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

- ⇒ **HUNGARY, HA.** Sanyi, HA0HV is QRV as HG400HV until the end of 2009. Activity is on all HF bands and 6 and 2 meters using CW, SSB and digital modes. QSL to home call.
- ⇒ **CANADA, VE.** Bob, VE1RSM is QRV as home call/VY1 from Whitehorse, Yukon Territory until August 17. Activity is on all HF bands, particularly 40, 30 and 20 meters, using CW and SSB during his evenings and weekends. QSL to home call.
- ⇒ **OPERATION APPROVED FOR DXCC CREDIT.** The following operation is approved for DXCC credit: Saudi Arabia, HZ1EA. If you had this operation rejected in a recent submission, please send a note to dxcc@arrl.org to be placed on the list for an update.
- ⇒ **PHILIPPINES, DU.** Gerard, F2JD is QRV as DU1/G0SHN and is here for about five months. He plans to be active from various islands while here. QSL via F6AJA.
- ⇒ **NETHERLANDS, PA.** Members of VERON section 54 are QRV as PH100EL until July 12 to celebrate the 100th anniversary of the first flight of the aviation pioneer Charles count de Lambert. QSL via PD0PVQ.
- ⇒ **SERBIA, YT.** Various Serbian stations are using special prefixes YU2009, YT2009, YU09, YT09, YT25 and YU25 until July 12 to promote the University Games 2009 taking place in Serbia. QSL via operators' instructions
- ⇒ **REPUBLIC OF THE CONGO, TN.** Nicolas is QRV as TN5SN and has been active on 6 meters and on RTTY on 20 meters around 2100z. QSL via IZ1BZV and LoTW.
- ⇒ **MICRONESIA, V6.** Yuki, JH1NBN is QRV from here while on a business trip. He is traveling and operating from three islands. He is currently active as V6P from Pohnpei until July 4, V6C from Chuuk Island from July 4 to 12, V6T from Kosrae and back to Pohnpei as V6P from July 21 to 25. He may also be active as V63AQ. Activity is on 80 to 6 meters in his spare time. QSL to home call.
- ⇒ **LIECHTENSTEIN, HB0.** Alain, F5LMJ, will be QRV from July 11 to 24. He plans to work as HB0/F5LMJ/p in CW and digital modes during his evening and early morning hours. QSL via F5LMJ, bureau or LoTW.
- ⇒ **MONTSERRAT, VP2M.** Bill, W5SJ, will be active as VP2MSJ from July 14 to 21. He can use the shack of VP2MDD and will take part in the CQWW VHF Contest but will also be on the other bands, especially 30 and 60 meters. QSL via W5JAY.
- ⇒ **TIMOR-LESTE, 4W.** Chris, 4W6FR, is QRV as time permits. Look for him on 20 and 17 meters using PSK. Most of his activity takes place between 0900 and 1300z. QSL via VK4FW, direct or the OQRS at www.odxg.org
- ⇒ **TOGO, 5V.** Franco, I1FQH, will be active as 5V7PRF between July 22 and 30. This will be a very light DXpedition with activity on 80 through 10 meters using mostly CW and some SSB. QSL via I1FQH, LoTW, eQSL or the bureau.
- ⇒ **SOUTH KOREA, HL.** Jerry, N4EO, will be QRV as HL9EO from Yongsan Barracks through mid-September as his work duties permit. Look for him on 20 meters and higher with a concentration on CW and PSK. QSL direct to N4EO.
- ⇒ **MALDIVES, 8Q7.** IK2AHG, Davide, is QRV through July 19 mostly on CW as 8Q7DI from Maayafushi Island, (AS-013). QSL via I8ACB. Pierre, 8Q7QQ, home call HB9QQ, is active until July 11. He looks for Sporadic E and EME contacts on 50183 kHz, JT65A mode (first period) at his moonrise and moonset. He is also active on 30, 17 and 12 meters. QSL to home call.
- ⇒ **INDONESIA, YC0.** Hotang, YC0IEM, will be active as YC0IEM/9 from Bali (OC-022) until July 27. QSL via IZ8CCW.

Business Meeting Minutes: June 2009

The meeting commenced at 8 PM by President WB3HDI, Bob. A pledge of Allegiance was followed by a roll call with 22 members and 3 guests present. May minutes were accepted as published in the June newsletter. Treasurer KA3YNO, Walt gave his report, which included the purchase of a new repeater antenna, and was accepted. He stated that 60 members have paid dues for 2009 and 6 are still in arrears.

Committee Reports

Clubhouse WA3VXJ, Karl and son cut the grass and cleaned up the clubhouse for tonight's meeting. Prez Bob and son KB3NZX, Bob Jr., cut more weeds and shrubs along the club road. N3SBF Ritchie and N3UUZ Chuck worked with the contractor in filling in the club road side ditches with gravel. Art will install a signpost at the bottom of the road now that all of the work is done. Prez Bob said that we need to install a guard rail at the top of the road to prevent the possibility of a car going over the hill side and onto other properties on Burrell drive. This is a liability issue. The complete text of Bob's proposal:

Now that we have completed the second phase of safety improvements to our drive / road, by filling in the ditch with rock, we can move forward with the third phase.

The first being the restoration of the surface, second was to fill in the ditch and the third will be adding some form of vehicle restraint system to the top portion bordering our neighbor on Burrell Drive. Since the natural barrier of trees has been removed we must address this safety issue.

Quotes for guard rail have been sought as well as continuing research into other systems that may be more cost efficient and/or aesthetically pleasing. Possibly Bollards (very large wooden posts of about 12 inch in diameter) or Jersey type barriers.

As usual with such a project we will need to make sure we have the funds available and may have to wait until we can put enough money away to continue these improvements. In the mean time as a help in keeping water from shedding across the driveway/road surface, I had our contractor that installed the rock into the ditch cut back the top portion of the drive/road thus widening the path. This will afford more room for vehicles giving us a safety margin keeping us away from the slope towards Burrell Drive.

Technical WA3TTS, Mike and W3BC, Joe have been repairing the SB-220 amplifier for 6 meters and have installed 2 new 3-500 tubes. Mike will continue tweaking it for max output.

Contest N3EQP, John gave a report of the activity at the club during the June VHF contest. There will be a CQ VHF contest on the same days as the Vintage Grand Prix.

Membership WA3BKD, Art gave the 1st reading for prospective member KR8Q, Mark

Newsletter NB3C, Greg has printed club newsletters and D-Star newsletters from the Hamvention available for the members..

Public Service KA3MSE, Lloyd said that KA3JKS, Sue ran the last net. N3EQP said that Sue calls ops for the Weather Bureau to run the Skywarn net.

Ways and Means WA3FWA, Joe will run the 50/50 raffle after the meeting and collect any outgoing QSL cards for the ARRL bureau. He said that we received certificates for the ARRL June 2008 VHF contest and 2 for the Breeze Shooters ground wave phone and CW contests.

Volunteer Exams W3RJM, Bob reported that there were 4 applicants of which 1 passed the General and 2 passed the Tech exams. One new tech was 9 years old!

Good of the Order WB3CRC, Dale had visited WB3CRF, Rich and he said that Nancy Schreiber was back home after surgery. Stew has raffle tickets to sell for the benefit of his Somerset ARC & their upcoming hamfest.

New Business Prez Bob said that the corn roast will be held on Sun. Aug. 30.

Old Business AK3J, Stew reported on the club's committee negotiation with Cellular, the cell tower company. We are basically looking for doubling the monthly rent. The committee is comprised of WB3HDI, KA3YNO, WA3VXJ, AK3J and W3SVJ. Stew got approval from the membership to continue with the committee recommendations.

Field Day Karl was allocated funds for food and generator gasoline for Field Day.

Motion to Adjourn by Carol, KB3GMN.

50/50 raffle won by N3UUZ, Chuck.

Minutes submitted by Recording Secretary WA3FWA, Joe.

**Our next business meeting will be
held on July 21 at 8PM.
CU @ the Clubhouse!!**

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ARRL WPA Section News

Field Day 2009 is just two short weeks away and from what I have been reading on many forums most are well prepared for the event. For me this is one of the two best weekends in radio that I experience each year. The other weekend of course is the weekend in October for the PA QSO party. For those of you that enjoy contesting, an online club that I recommend is the Allegheny Valley Contest Group. If you are interested in learning more, please visit our reflector at <<http://groups.yahoo.com/group/AlleghenyValleyRadio/>>, where membership may be requested. You can also send us an e-mail at <w3wpa@arrl.net>.

Congratulations goes out to our Assistant Section Emergency Coordinator (ASEC) Harry Bloomberg W3YJ, along with Dave Kleber KB3FXI of the Skyview Radio Society, who are this year's recipients of the ARRL Atlantic Division Technical Achievement Award. These two gentlemen have been working tirelessly to promote the NBEMS digital mode to our WPA Section hams, as well as hams across the country. Congratulations Dave and Harry. It's well deserved. Any club interested in having these fine men put a presentation on for their club on NBEMS should contact one of them directly.

Thanks goes out to Mike Lazaroff, K3AIR for again helping area hams with zoning issues. Mike has helped clarify issues in several local proposed laws that would have attempted to put limitations on amateurs installing ham antennas.

While the month of June has already had its only hamfest come and go, July will see several hamfests in the section. July 11 will be the 8th Northwest Pennsylvania Hamfest sponsored by the Union City & Wattsburg Wireless Associations. Additional information is available at <<http://www.nw-pa-hamfest.com>> The next day, July 12, will be the North Hills hamfest. This is a fun outdoor event with no admission cost. Additional info is available at <<http://nharc.org>>. The following week on July 18, Somerset County ARC will be holding their annual hamfest. Additional information is available at their website <<http://www.k3smt.org/hamfest/index.shtml>>. Finally, on the subject of hamfests mark your calendars for the WPA Section Convention at the Skyview ARC on August 23. The website for the Skyview group is <<http://www.k3smt.org/hamfest/index.shtml>>.

I understand that while some foreign lands have their snake charmers so does the Skyview group. It seems during a recent contest activity at the club house the mellow tones of CW charmed a friendly black snake into the shack at the club. Seems that CW charmed this friend fondly called Andrew to visit. I have been assured he has been safely deposited back to his natural habitat.

Robert Bastone, WC3O also known as 'Cookie' at Skyview has been appointed to a division committee on recruiting new hams. This

(CONTINUED ON PAGE 7)

News stories featured in the 'National Front' column are from various issues of the ARRL Bulletin. Thanks to the ARRL for permission to reprint here.

On The National Front..

⇒ FCC CHAIRMAN NOMINEE GENACHOWSKI, CURRENT COMMISSIONER MCDOWELL FACE CONFIRMATION HEARINGS

On June 16, Julius Genachowski -- the man President Barack Obama picked to head the Federal Communications Commission -- and current FCC Commissioner Robert McDowell appeared before the Senate's Commerce, Science and Transportation Committee for their confirmation hearing. The Committee voted 24-1 to approve Genachowski's nomination and unanimously approved McDowell for his first full term as a Commissioner, sending their names to the full Senate to be confirmed.

President Obama nominated Genachowski to lead the Commission on March 3, 2009 <<http://www.arrl.org/news/stories/2009/03/03/10684/?nc=1>>; the president renominated McDowell to his post on June 2 <<http://www.arrl.org/news/stories/2009/06/03/10859/>>. Genachowski is a Democratic nominee, while McDowell is a Republican. Only three Commissioners may be members of the same political party.

At his confirmation hearing, the Chairman of the Commerce, Science and Transportation Committee Senator John D. Rockefeller IV (D-WV) told Genachowski that he wants "an FCC that is transparent, that inspires confidence and that makes our digital infrastructure a model for the world. Tragically, this has not been the case for some time. Let me be very clear about the challenge before you. Fix this agency or we will fix it for you."

Senator Byron Dorgan (D-ND) praised Genachowski for having the "perfect background" to run the FCC. He then added, "It seems to me that you will lead a rather unhealthy agency. We've been through a period of substantial secrecy."

Senator Rockefeller noted that during former Chairman Kevin J. Martin's tenure, the FCC was under congressional investigation for mismanagement <<http://www.arrl.org/news/stories/2008/12/12/10505>> and the focus of criticism by the Government Accountability Office (GAO) for its lack of transparency and potential misuse of data. Late last year, the House Committee on Energy and Commerce -- the congressional committee that oversees the FCC -- released its majority staff report "on the bipartisan investigation of the FCC's regulatory processes and management practices." The report -- "Deception and Distrust: The Federal Communications Commission under Chairman Kevin J. Martin" -- stated that the

investigation was prompted "by allegations to the effect that [FCC] Chairman Kevin J. Martin has abused FCC procedures by manipulating or suppressing reports, data and information" <http://www.arrl.org/news/files/FCC_Report120908.pdf>.

Genachowski assured the Committee that his career "inside and outside government has convinced [him] that the FCC can be a model for excellence in government, fighting for consumers and families, fostering investment and innovation, through open, fair, and data-driven processes -- a 21st century agency for the information age. The FCC should consult closely with Congress, and work effectively and efficiently for the American people."

In his testimony, McDowell said the Commission should focus on attracting capital investment to the communications sector, adding that the wireless sector is becoming increasingly important. "I will work to support policies that will promote vigorous growth in the broadband markets to ensure that all Americans have access to the promise of high-speed Internet services and that the Internet remains robust, open and safe," he told the Committee.

Sources on Capitol Hill have said that Genachowski should be confirmed by the time the Senate recesses for the July 4 holiday.

For a video stream of the confirmation hearings, please visit the Web site of the Senate's Commerce, Science and Transportation Committee <http://commerce.senate.gov/public/index.cfm?useAction=Hearings.LiveStream&Hearing_id=bca080f3-15a0-4d05-8abd-77f5327a2cb7>.

(MORE NATIONAL NEWS ON PAGE 10)

Atlantic Division Update

The House of Representatives is presently considering new legislation to promote and encourage the valuable public service, disaster relief, and emergency communications provided on a volunteer basis by licensees of the Federal Communications Commission in the Amateur Radio Service, by undertaking a study of the uses of amateur radio for emergency and disaster relief communications, by identifying unnecessary or unreasonable impediments to the deployment of Amateur Radio emergency and disaster relief communications, and by making recommendations for relief of such unreasonable restrictions so as to expand the uses of amateur radio communications in Homeland Security planning and response.

Specifically, the "Amateur Radio Emergency Communications Enhancement Act of 2009 - Directs the Secretary of Homeland Security to: (1) study the uses and capabilities of amateur radio communications in emergencies and disaster relief; (2) use the expertise of the American Radio Relay League in the study; and (3) report to Congress." (full text of the legislation is available at <<http://www.govtrack.us/congress/billtext.xpd?bill=h111-2160>>). The bill is presently in the House Committee on Energy and Commerce for consideration.

According to Dan Henderson, ND1D, the ARRL Regulatory Information Manager, "HR 2160 stands as the first step in trying to address the long standing problem of extending the protections afforded Amateur Radio operators under PRB-1 to deed restrictions and covenants. To be clear, passing HR 2160 is not going to achieve that goal right away. But it will help lay the ground work by assessing the impact such restrictions have on our ability to train for and respond to disasters and other emergencies."

Dave Sumner, K1ZZ, the Chief Executive Officer of the ARRL, will provide further background on the bill and on the ways in which you can provide support.

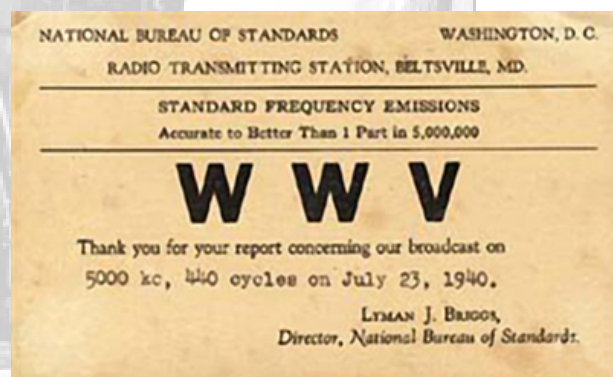
ARRL Atlantic Division
Director: William Edgar, N3LLR
n3llr@arrl.org

ARRL WPA News (con't)

committee is headed by Atlantic Division Assistant Director Riley Hollingsworth. Thanks Bob for helping in the very important venture.

Don't forget to join a traffic net in your area. The section net is on 3983 Khz every evening at 6 PM local time. Make sure you visit a field day site in your area. If you do not know the location, check the FD locator at <<http://www.arrl.org/contests/announcements/fd/locator.php>> to find a location in your area.

73, John Rodgers, N3MSE, ARRL WPA Section Manager



If you gotta go out, do it in style. This is how KDKA signed off on the analog portion of their signal on June 12. Follow this link to YouTube:

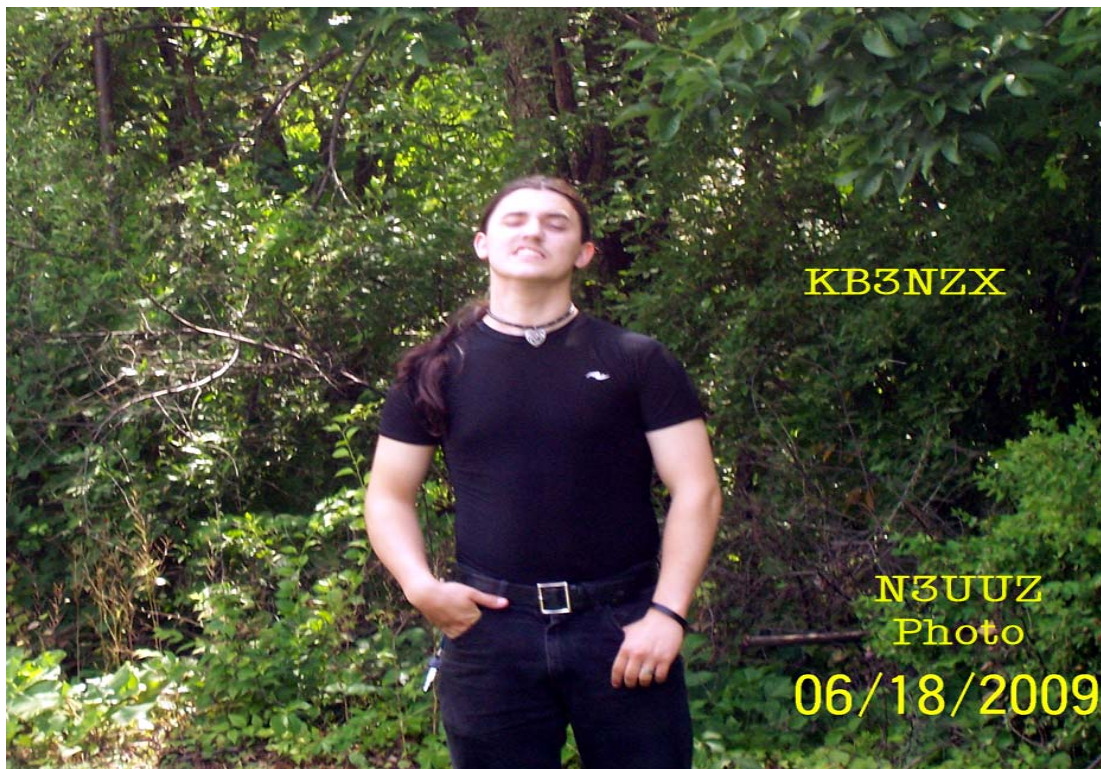
<<http://www.youtube.com/watch?v=wqH2dZ0I-BY>>

A very classy way to say goodbye to analog broadcasting. Thanks to Bob, NU3Q for passing this on.

New Repeater Antenna Up & Running!!



Step 1: Putting the new antenna together. I believe this is a Comet Dual Band antenna, which is replacing an older Comet antenna.



Step 2: Finding able-bodied helpers to complete the installation. Many thanks to all who came out and helped to install the new antenna. BIG thanks goes to Club Prez Bob, 'HDI for climbing the tower to put it up!

(CONTINUED ON
NEXT PAGE)

Repeater Antenna Installation (con't)

There it is for all your
repeating enjoyment!

WB3HDI

N3UUZ
Photo

06/18/2009

Step 3: The finished product. Our new antenna, in all its glory. Hopefully, it'll give years of trouble-free performance. Thanks to Bob, 'HDI and Chuck, N3UUZ for the pics. 73 de NB3C

Don't forget: The ARRL WPA Section Convention will once again be held during the SkyView Hamfest on August 23 at their Clubhouse site.

For more details, check out their website:

<<http://www.k3smt.org/hamfest/index.shtml>>. For more info, ring Bob, KG3F on 412-860-0046 or E-Mail: <SkyviewHamfest2009@verizon.net>

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

⇒ ARRL SEEKS COURT ACTION TO COMPEL FCC TO COMPLY WITH RULING

On June 24, 2009, the ARRL filed a petition with the United States Court of Appeals for the District of Columbia Circuit asking the Court to order the Federal Communications Commission to comply with the Court's 2008 decision that remanded the FCC's ruling on Access BPL for further action <<http://www.arrl.org/news/stories/2008/04/25/10064/>>.

In its Petition for a Writ of Mandamus, the ARRL asks that the Court "order the Commission to comply with the terms of the Court's mandate by (1) soliciting comment on the unredacted studies placed in the rulemaking record, and (2) providing a reasoned explanation of its choice of an extrapolation factor for Access BPL (or issue a further notice of proposed rulemaking proposing a different extrapolation factor), within sixty days"

<<http://www.arrl.org/news/files/BPLCourtMandamusPetition06242009.pdf>>.

"What's at issue is the fact that after over a year the FCC has not complied with the Court's order," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "The FCC needs to ask the public to comment on the scientific studies conducted by the FCC and on which they relied in their BPL decision. It also must either offer a reasoned explanation, based on the scientific studies already in the FCC's record, for its determination of the rate at which radiation from medium voltage power lines carrying BPL decays with distance from the power line, or issue a new Notice of

Proposed Rule Making and seek comment on an appropriate standard."

The Court of Appeals issued its decision April 25, 2008 and its mandate on June 13, 2008. ARRL's petition asserts: "By March 31, 2009, the Commission had taken no action with respect to the disclosure of the unredacted scientific studies and had not therefore solicited public comment on the unredacted studies. Petitioner, therefore, filed a Freedom of Information Act request with the Commission seeking the unredacted versions of the studies that the Court ordered be included in the rulemaking record, and about which an opportunity for comment was to be provided by the Agency."

ARRL Chief Executive Officer David Sumner, K1ZZ, said that "We have been waiting patiently for the FCC to fulfill its obligations under the Court of Appeals decision, but after more than a year, it's clearly past time for the Commission to act. Thanks to the release of the unredacted staff studies in response to the ARRL's most recent FOIA request -- a request that should not have been necessary for us to make -- we finally know what the FCC withheld from public view back in 2004

<<http://www.arrl.org/news/stories/2009/05/08/10811/?nc=1>> and what they now must deal with in order to resolve the regulatory uncertainty that continues to hang over BPL. We are hopeful that under its new leadership, the FCC will get back on track and will revise its rules governing BPL interference to be consistent with the technical record and sound science."

On May 1 of this year, the Commission released the unredacted studies without comment or notice. As the ARRL's petition continues, "To date, no public notice of that action has been given and no further action has been taken by the Commission with respect to the provision of an opportunity for the public to comment on the unredacted studies."

Henderson explained that "the release of the unredacted studies is only a partial fulfillment of the Circuit Court's decision. The ARRL's position is that further delay is not warranted by any reasonable, factual standard. There is precedent in law that 'a reasonable time for agency action is typically counted in weeks or months, not years.' It is 14 months since the Court's decision, and still the FCC has no timeline to meet its mandated obligations."

The ARRL is asking that the Court order the Commission to comply with the Court's order within 60 days. The petition states: "Given the simplicity of the Commission's compliance with the two components of the Court's Mandate on remand and the amount of time that the Commission has already taken following the issuance of the Mandate, the Court need not be concerned with the question of how

(CONTINUED ON NEXT PAGE)

The Prez Sez.....

Where to begin this month....let's see.

We now have our ditch along the road filled in and looking good, making travel on the road quite a bit safer. The repeater antenna has been replaced and seems to be working well.

Check out the pics of road, repeater and Field Day activities.

Field Day was a good time! If you missed it, well, there is always next year. This year was fun for me as I have not been able to work FD for quite some time. Even though I did have to visit my work place over FD weekend, I managed to get in some operating time Saturday night into the wee hours. Sacked out for a few hours and went back to my work place Sunday afternoon after we closed up shop. I was a tired but happy camper.

Did you know we were 1, count 'em 1, state shy from WAS? While it may not be surprising to WAS during FD, our 'KWH crew was actively, almost frantically trying to make it happen. Idaho was all we needed and they tried hard. 7 land was pounding in on 10 meters Sunday morning and the radios were alive with signals filling every scrap of spectrum. I think the propagation gods were smiling upon us for that weekend as we have about 950 contacts in the log with W1AW as one of them. I think that all who participated had a good time. I know I did.

Some lucky folks got to hear a satellite as it drifted overhead. I missed that part and I understand it's kind of hard to line up the antenna using a "Mark 1 Eyeball" sighting along the antenna boom and not shake a lot while holding it at strange angles. hi hi

The troops had lots of good eats and drinks to keep them going and the Saturday evening supper was some real good hot sausage from Toni McKee. Our thanks to Toni for her effort, it was tasty!!

The club power plants worked great! The generators ran without a hitch and we got 22 hours of run time from the big Gen-set, finishing up the last of FD with a gasoline job. Not too bad for a bunch of antiques! The generators.....not the ops.

Thank you to all who attended the 2009 FD exercise at 'KWH to operate, help log, keep the Ops awake, visit, bring eats and other supplies and every and anything else to make this all happen successfully.

Looking forward into the future, I see the next big thing we have is our Annual Corn Roast !!

Mark your calendars for Sunday August 30, 2009. During the last meeting the question was posed about a date and those in attendance seemed to like the 30th. Let's say we start the shindig about 1 PM? Plus or minus a bit. This will give everyone a little more sack time if you want to sleep in a bit or attend Church services in the morning.

This coming meeting we will fine tune any details. So mark your calendar, program your black 'n blue berry, post a note somewhere!! Don't forget that family members and significant others are always welcome to attend and I hope to see all your smiling faces smeared with butter and bits of corn!

That's all folks, thanks for reading!

73, Bob, WB3HDI

National News (con't)

much more time is needed for the Commission to complete its tasks. Sixty days is more than enough to solicit public comment on the unredacted studies and to justify, if it can, the extrapolation factor, or to reopen the rulemaking proceeding in order to determine a different, appropriate extrapolation factor."

(MORE NATIONAL NEWS ON PAGE 13)

FT5G Glorioso DXPedition Update.....

The Gloriosos 2009 is a new time postponed because of flight problems. We think, however, the DXpedition could be begin at the end of August. The runway on Grande Glorieuse suffers heavy problems of stability which have to be solved very quickly, in next July, to allow again the jumbo planes landing with full security.

This postponing will allow us to include new operators, David, F8CRS, and Bernard, F5LPY. Seven operators will go to FT5G.

Three stations will be active 24h a day and the 3rd dedicated to monitor the 6 meter. This last station will be used back on HF if propagation opens the lower bands.

The length of the stay is always scheduled for three weeks if no other change will happen.

We must once again remain all of you, that the landing on these islands is very difficult and the Go signal is given only when all the security measures are in place, known and applied.

We have to thank a lot for their help, the French Australes and Antarctic Territories Administration, The South Indian Ocean Zone Forces Headquarter, and the Commandment of the French Foreign Legion detachment in Mayotte.

More News to be published in due time.

Gloriosos 2009 crew

A part these two texts, we can say, even if the first event which made the July 2009 Gloriosos, postponed haven't happen, the today's air crash of the Yemenia A310 at sea, after 2 hours of flight, is a new event which might have made the DXpedition postponed in any case. The plane which will have been used to come from La Reunion to Glorieuses, is now on the zone and participates to the researches of survivings for an unknown length of time...

These events and to reinforce the runway have been considered by the French Authorities. For the most security, please wait again with us some more weeks.

Didier will inform you with more details if necessary in due time.

73, Maurice, F5NQL

For sale: Tesla Coil with manual and extra 15,000V 30ma transformer for \$180.00. Call Mel Ruble WA3RVD at: 412-278-0305

For Sale: SGC-239 SmarTuner Auto Antenna Coupler. Will tune most any kind of antenna. NOT suitable for weather-exposed mounting. \$125.00. You can ring Art, WA3BKD on 724-356-7381 for more details.

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

⇒ Julius Genachowski Sworn In As FCC Chairman

On the afternoon of Monday, June 29, US Supreme Court Justice David Souter -- in one of his last official duties on the high court -- swore in Julius Genachowski as the new Chairman of the Federal Communications Commission. Genachowski, who clerked for Souter after finishing law school, will complete the four years remaining in the term of outgoing FCC Commissioner Jonathan Adelstein. Both Genachowski and current FCC Commissioner Robert McDowell -- Genachowski for his initial term and McDowell for his first full term -- were confirmed by the US Senate on June 25.

Adelstein has been nominated by President Obama to be the Administrator for the US Department of Agriculture's Rural Utilities Service (RUS); a nomination hearing before the Senate's Agriculture Committee is scheduled for July 7.

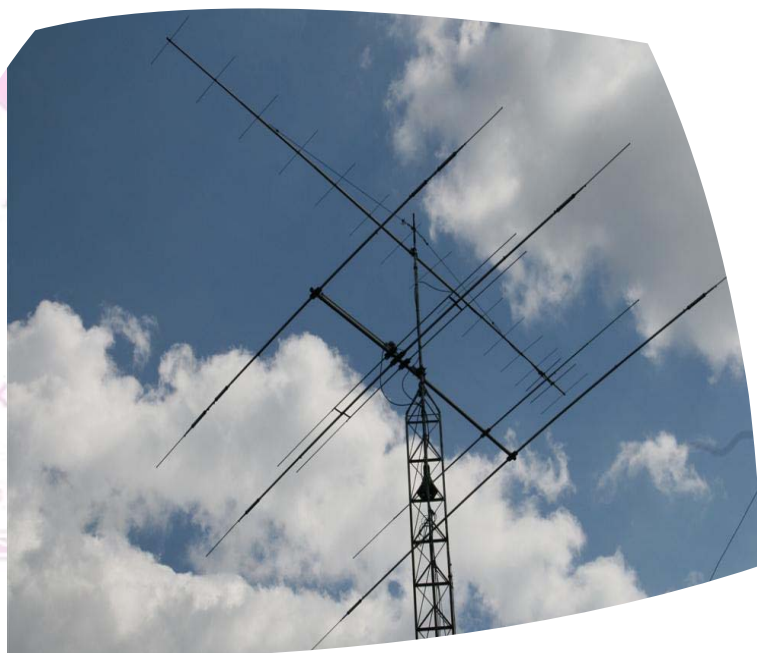
Genachowski praised Adelstein's record, thanking him for his more than six years of "outstanding public service" as an FCC Commissioner. "Throughout his tenure at the Commission," Genachowski said, "he has tirelessly championed the public interest. The FCC and the public have benefited greatly from his rich understanding of media and technology policy, and his devotion to the democratic process. While I regret that I won't have the pleasure of serving with Jonathan at the FCC, I look forward to forging a strong partnership with him in his future work."

Commissioner Michael Copps, who had served as Acting Chairman since the resignation of then-Chairman Kevin Martin this past January, welcomed Genachowski to the Commission, saying Genachowski begins "what promises to be a public-spirited and distinguished tenure as Chairman. He knows the FCC well, brings impressive private

sector and technology experience with him, and enjoys deserved renown for innovative thinking and new approaches. I look forward to working with him on the many issues awaiting his attention."

Copps also expressed his thanks for Adelstein's tenure on the Commission: "Jonathan and I have worked closely together on so many issues that it makes it hard for me to imagine a Commission without him. Our thoughts most often run in the same direction, whether the issue is media, broadband, rural America, the disabilities communities, reaching out to non-traditional stakeholders or upholding a shared vision of the public interest. His intelligence, good judgment, wide experience and invariably good humor combined to make him a highly productive Commissioner across a wide gamut of issues. I will miss him here but wish him all good things as he moves ahead in the confirmation process toward becoming Administrator of the Rural Utilities Service at the US Department of Agriculture. I look forward to our continuing work together and to our friendship through the years."

There has been no word as to when Commissioner McDowell will be sworn in for his new term.



SCARC Field Day 2009 Fun.....



Many thanks to all those who came out & participated:

WA3FWA
WA3RVD
KB3NZX & Christina
WB3HDI
WB3AGB
W3MAC
KA3JKS
WA3TTS
W3WTW
KA3YNO
N3EQP
WQ3T
AA3EE
WA8NLX
AA3CE
K3LAB
K9DOG
N3DXE
KB3RUK & Barbie
N3VEF



Above: Our Gen-Set, doin' its thing. Another trouble-free weekend of operating.

Right: Joe, WA3FWA, and Doug K3LAB logging points & Q's in the VHF Studio.

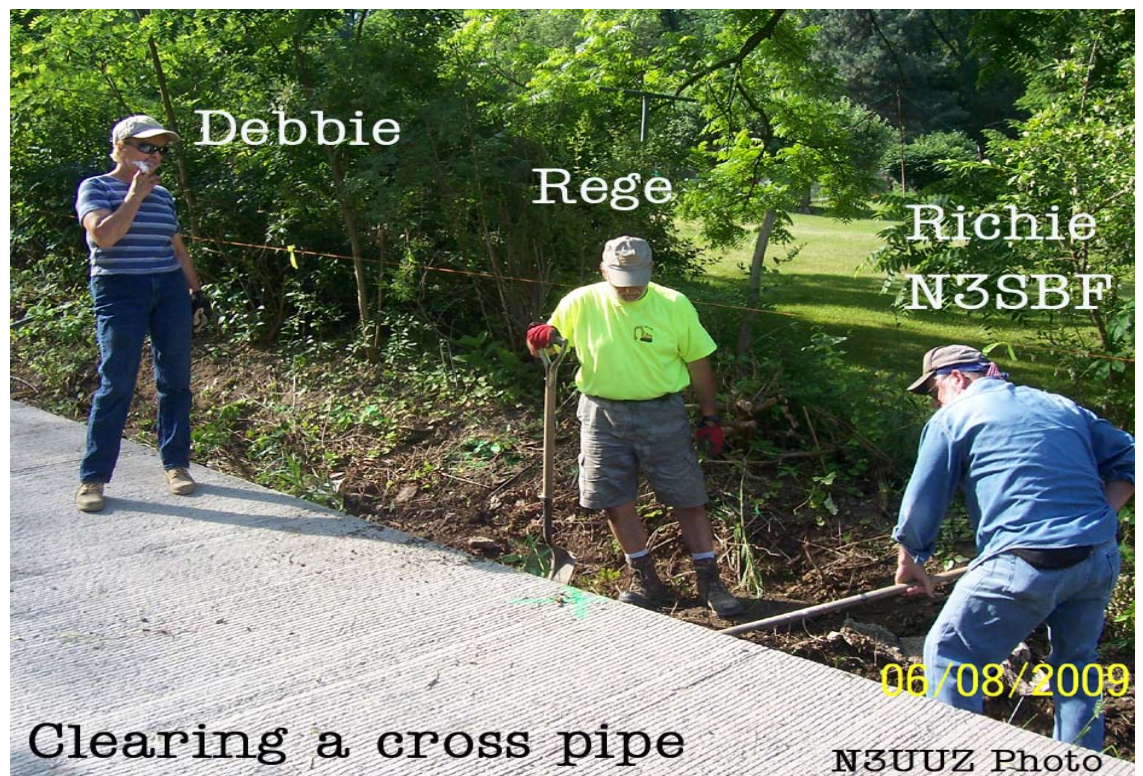


[illegible]

Clubhouse Road Improvements.....



Club Road Improvements (con't).....



A photograph showing two men from behind, seated at a desk in a radio shack. They are looking at a computer monitor displaying a software interface with various data fields and graphs. The desk is cluttered with numerous electronic devices, including a lamp, a small oscilloscope, and various radio-related equipment. The background features wooden paneling and a window with blinds.

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Club Road Improvements (con't).....



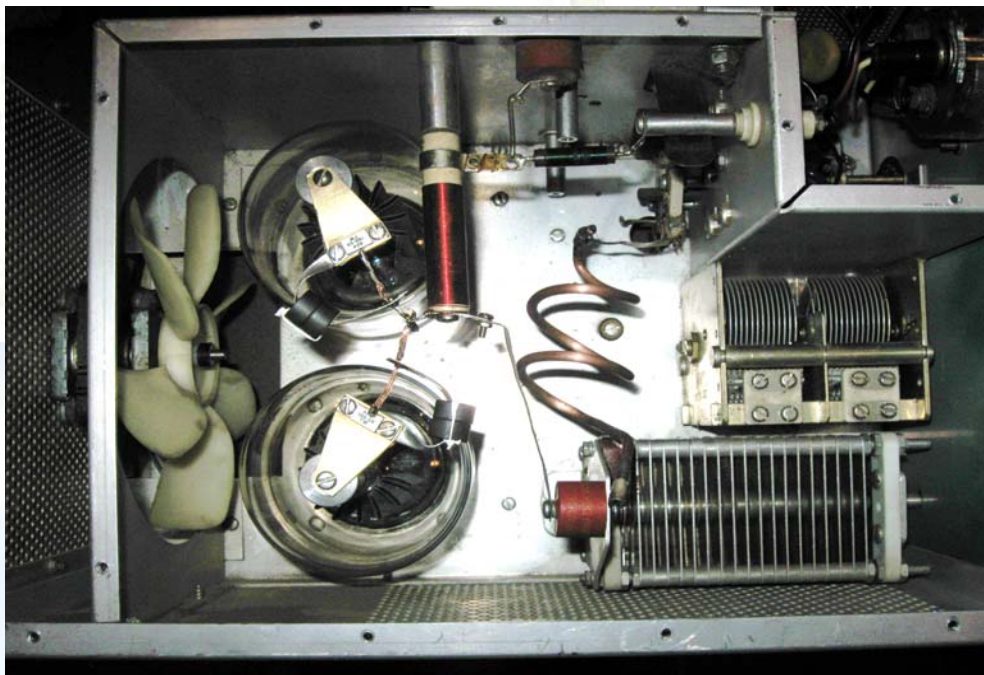
Rebuilding the Club's SB-220 Amp.....

A few VHF contests ago we "let the smoke out" of the SB-220 we used on 50MHz. It took awhile to face up to having to open the box and determine the extent of the damage, so this is an overview of the repair so the club has documentation to refer to in the future as well as for general information purposes.

As a quick review, the prior modifications tapped the original 10 meter coil in the tank circuit about 1-1/2 turns from the end, and we had cooked a few sets of parasitic suppressors in years back. It's unclear who and when the amplifier was modified, but generally this was done when W3IOH (sk) was still around as well as before N3LL moved south to FL.

Once Joe (W3BC) and I (WA3TTS) pulled the amplifier from the shelf, it was found to have no power supply damage. Only some cooked parasitic chokes and what appeared to be a shorted tube. We could have quick-fixed it again, but there was a chance of QRO oscillations coming back to haunt us, so I opted to research some improved parasitic chokes and permanently remove the HF tank coils. The Relative Power/Grid/HV meter was also non-functional. We thought about new tubes, but that makes little sense if the amplifier was still unstable.

First I decided to fix the meter problem. **It was learned from article research that the HV interlock in the SB-220 can/will source high currents through the grid meter circuit upon shorting to ground---which presents the potential for field coil failure in the meter. So the first and important cautionary rule is to place the meter switch in the relative power position before taking the top metal panel off the amplifier.** There is a standoff mounting on this top panel that functions as the interlock switch. So make sure this precaution is taken before servicing the amplifier.



It turned out that the meters in the SB-200 and SB-220 are that same, each having 200ua full scale. The meter faces are removable so I swapped a meter from an SB-200 "parts" amplifier that was in the club attic. I had to drill new holes in the face plate to match, but the original SB-220 look is preserved. These meters are not easy to locate, so the above cautions are stressed.

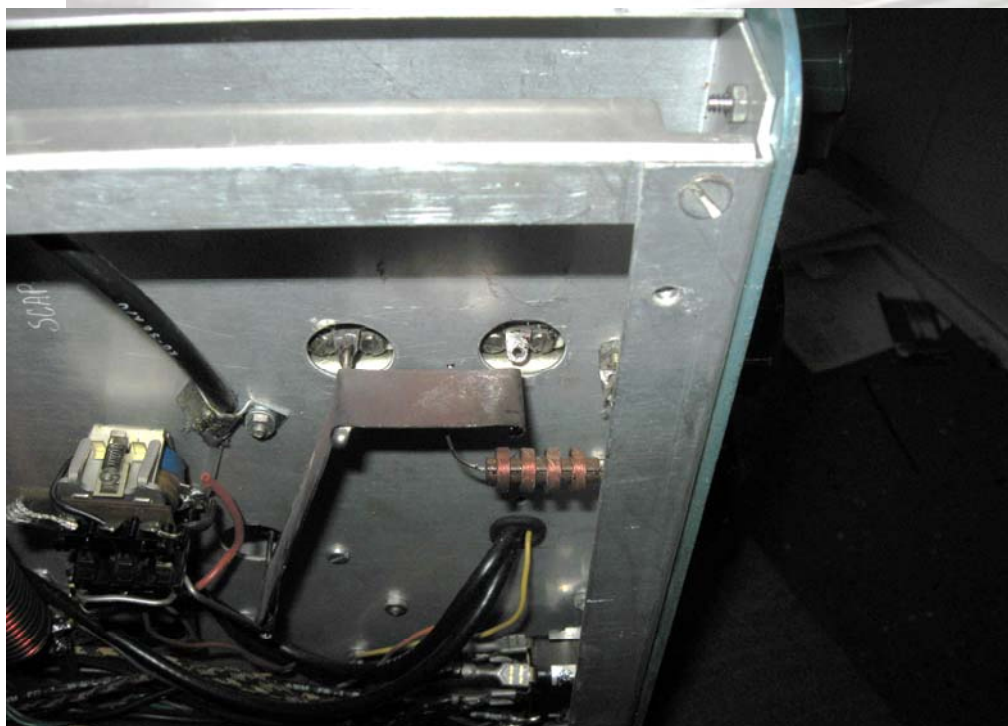
The replaced meter functions in the Relative Power and Grid positions. The HV metering resistors need replaced as one was heading North of 8 mega-ohms when it was checked, so no HV metering is available until suitable replacement parts are located.

Moving onto the tank coil conversion, the existing HF coils were extracted and will be stored with the SB-200 parts amplifier. The bottom short jumper from the bandswitch was left alone should the club decide to move the amplifier back to HF service at some future date. **(CONTINUED ON NEXT PAGE)**

Rebuilding the SB-220 Amp (con't).....

An April 2008 QST article on converting the SB-220 amplifier was referred to for this tank circuit change--with a few modifications. The article called for changing out the existing variable capacitors in the Pi network. I did not want to get that involved, so this modification is similar, but not identical to the April 2008 QST article.

Instead of using a 1.5 inch diameter by 3 turn and 3 inch long coil called for the QST article, I went with a 2-1/2 turn coil of #10 wire with a 1.5 inch diameter. One side of the coil is soldered to a lug and secures at



the same location as the HV RF blocking capacitor (input side of Pi circuit) with 6-32 hardware. The other side of the coil is connected to the bandswitch via a piece of 1/4 inch wide plated copper ribbon about 1.5 inches long. The connection from the HV RF bypass capacitor to the HV RF choke is 1/4 inch wide brass ribbon, completely tinned with plumbing solder.

For parasitic suppressors I was not able to easily find 2W~5W 50 ohm carbon types often used for this purpose. Henry Radio had some 100W, thick film, stud mount 50 ohm resistors that cost \$20 with shipping, so I went with these instead. The engineering problem was how to use them in a manner best suited for the

parasitic suppressor function. It had to achieve the intended electrical function and be mechanically secure as well.

I thought about cutting off one mounting stud for each resistor, but that idea was abandoned. Instead, the resistors were mounted on small triangular shaped brass plate about 1-1/4 inch tall and the width of the resistors at the base. The brass triangles are 1/8 inch thick, so they offer good heat sinking for the resistors. This arrangement offers secure mounting to the resistors and to the 3-500Z tube anode caps.

Short parasitic inductor loops were made from 1/4 inch wide brass strips tinned on both sides with plumbing solder. The loop secures at one resistor stud and is positioned about 1/2 inch in front of its center solder tab. A hole is drilled in the end of the loop to allow a conductor to reach from the resistor solder tab, through the suppressor loop end, and to the HV RF choke (RFC). (See Photo). Solder wick braid was used for these connections. Also, there are two Type 43 toroid beads slipped over each suppressor loop. These ferrite beads have to be in place before the final soldering. Some rolled plumbers Teflon tape was used to tie the ferrite beads to secure them in place.

Note that the use of tinned plumber's solder on the parasitic inductors and the jumper ribbon from the HV
(CONTINUED ON NEXT PAGE)

Rebuilding the SB-220 Amp (con't).....

RFC to the blocking cap has a design purpose. It was done as a low-cost alternative to the use of ni-chrome ribbon. The idea is to increase the surface resistance for VHF and UHF range parasitics. This approach lowers the Q of the circuit which improves the amplifier stability. The type 43 ferrite beads can handle high power and also serve to lower the Q of the parasitic suppressor circuit.

One other change was to remove the stator pin connection on the front portion of the output capacitor in the Pi network. (See Photo). This modification allows for resonance tuning around position 6-7 on the panel scale. It also tunes slower and more evenly than when both sections of the capacitor were in use.

Initial tuning tests were done with an MFJ-259B sending some RF back into the tank circuit with the amplifier's RF relay held in the transmit position. (No AC power applied to the amplifier for this test). Test results showed the tank circuit to easily tune from 40 to 60 MHz.

On air testing found the amplifier to be stable and 600ma of plate current was decided as a safe power limit, which is reached with about 50W of drive power. **Do not operate this amplifier in the SSB position--only in the CW/Tune position.** This position lowers the voltage slightly. We had no watt meter to highly accurate power measurements, but it should be in the 500 watt range. On air tests indicated 10 db of gain was present with the amplifier in line.

More could be done to improve on this amplifier, but for now it should be functional as long as it is treated with care. Note that the meters are highly damped on the SB-220, so resist the temptation to turn up the RF power or microphone gain on the radio driving this amplifier because the "meters are not moving all the way up". As long as peak power coincides with 500-600 ma of plate current with a key-down tune up and about 50 watts of drive, leave things alone. Microphone gain should never be set past 11 o'clock. No exceptions.

73, Mike WA3TTS

References:

"Converting a Heathkit SB-220 Amplifier to 6 Meters," pp 38-40, QST, April 2008.

"SB220 Modifications for QSK and FT1000MP by AG6K (Excerpt from his Web Page)" <<http://www.va3cr.net/interfaces/sb220.htm>> hit June 4, 2009

"Parasitic Suppressors," Jim Barcz, WA9JMY, *HAM RADIO Notebook* of 1973, (Thanks to W3SVJ for providing this technical note).

Mark your calendars for our annual Roasting of the Corn event!! Aug. 30 at the Clubhouse. You can even bring the XYL if you want! It'll start around 1PM. CU then!



Club Road Improvements (con't).....



A person with long dark hair, wearing large black headphones, is seated at a desk, focused on a computer monitor. The monitor displays a software interface with a table of data, including columns for 'Name', 'Score', and 'Time'. The desk is cluttered with various electronic equipment, including a large black monitor, a keyboard, and several stacked electronic devices. The person is looking at the monitor, which shows a complex data table. The background features a window with a view of a green landscape.

A man with glasses and a blue t-shirt featuring a 'BEST BUY' logo stands in a room with wood-paneled walls. He is holding a small bottle in his right hand. The room contains several rows of red upholstered chairs and a wooden cabinet in the background. A sign with the letters 'W3KWH' is visible on the wall to the left.

Dave, WQ3T takin' a break from the CW station.

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Club Road Improvements (con't).....



Update on the club's TS-950 rig

Hello Everyone: Joe (W3BC) and I (WA3TTS) pulled the covers on the TS-950SDX after about a 45 minute warm up & we adjusted the output level on VCO2 on the PLL board to 5.0 volts on TP2. We also pulled all the cables on the PLL board that could be removed without difficulty and gave the contacts the De-Ox-It treatment. The adjustment on this VCO has very little mechanical resistance and is difficult to set precisely, so it could have easily vibrated from its correct set point on the return trip from CO to PA after the last "full monty" service repair. Anyway, we let it run on 160/80/40 meters for a few hours with no "aurora-like" wandering PLL distortion effects on the received signals, so it should be OK to operate. If anyone is at the club station in the next few weeks please turn the TS-950SDX "on" for the duration of your stay and check once every 30 or 60 minutes that it has a digital display readout (not blank with dots) and no distortion on received signals. If it does act up again we may have to resolder some components on the PLL board, according to one service bulletin we located on the repair condition.

I had my Elecraft S-meter calibrator and made some measurements on the TS-950SDX "cuz we can." Here are the results:

50 microvolts	AIP on	AIP off	<pre amp is AIP
20 meters	s9+20+1bar	s9+2bars	
40 meters	s9+40	s9+20	
80 meters	s9+40	s9+20	
1 microvolt			
20 meters	s5	s1	
40 meters	s7	s3	
80 meters	s7	s2-1/2	

We did a minimum discernable signal test by putting 30 db of extra attenuation between the 1 microvolt level test signal and there was still plenty of signal to noise margin. By ear it seemed better than 10db. So we went to 40db and that was close to the audible limit, just a few to several db above the noise. That would work out to -150dbm which is not believable, but 6-7 db of stray coupling would be believable from the weak signal source, putting the MDS around -143-4 dbm range. Given that assumption, we could probably back 6db out of the S meter readings for stray coupling from the signal source.

In English, this means you do not have to run this radio with the pre-amp (AIP button) "on" all the time. If it seems quiet, just be thankful for the performance. Better than 95 percent of the time you are better off with some strong signal head room with the preamp off versus having it on.

Oh, I was looking for the Optoelectronics 1300H frequency counter that was in the hall cabinet but it is nowhere to be found. Would the person whom has possession of it or otherwise knows it's location please return it to the hall cabinet. I recently acquired a rubidium 10MHz reference oscillator---accurate to one part in one billion---and it would be nice to actually have an accurate frequency standard---a recently calibrated freq counter---for everyone to be able to use. Thank you.

June 2009

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

July 2009

August 2009

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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 <i>SCARC Social Nite</i> <i>Alleg Co. ARES Net</i> <i>RAC Canada Day Test</i>	2 <i>SkyView 2M Net</i> <i>WACOM Meeting</i>	3 <i>Digital Pentathlon</i>	4 <i>MI QRP July 4th CW Sprint</i>
5 <i>WASH Sun. Net</i> <i>YV Independence Day Test</i> <i>WLOTA Test</i> <i>DL-DX RTTY Test</i> <i>Original QRP Test</i> <i>DARC 10M Digi Test</i>	6 <i>Breezeshooters Net</i> <i>RSGB 80M Club Champ. CW</i>	7 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i> <i>ARS Spartan Sprint</i> <i>Skyview Meeting</i>	8 <i>SCARC Social Nite</i> <i>Alleg Co. ARES Net</i> <i>NHARC Meeting</i>	9 <i>SkyView 2M Net</i> <i>WASH Meeting</i>	10 <i>NCCC Sprint</i>	11 <i>IARU HF Championship</i> <i>FISTS Summer Sprint</i> <i>Feld-Hell Sprint</i>
12 <i>NHARC Hamfest</i> <i>IARU HF Championship</i> <i>WASH Sun. Net</i> <i>SKCC Weekend Sprint</i> <i>ARCI Homebrew Sprint</i>	13 <i>Breezeshooters Net</i>	14 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i>	15 <i>SCARC Social Nite</i> <i>Alleg Co. ARES Net</i> <i>RSGB 80M Club Champ. SSB</i>	16 <i>SkyView 2M Net</i> <i>NAQCC Straight Key/Bug Sprint</i>	17 <i>NCCC Sprint</i>	18 <i>Pgh Vintage Grand Prix Race Weekend</i> <i>CQWW VHF Test</i> <i>Russian Radio Team Champ.</i> <i>DMC RTTY Test</i> <i>NA QSO Party RTTY</i>
19 <i>Pgh Vintage Grand Prix Race Weekend</i> <i>CQWW VHF Test</i> <i>WASH Sun. Net</i> <i>DMC RTTY Test</i> <i>NA QSO Party RTTY</i>	20 <i>Breezeshooters Net</i>	21 <i>SCARC Business Meeting</i> <i>WACOM 2M Net</i> <i>WACOM 10M Net</i>	22 <i>Alleg Co. ARES Net</i> <i>SKCC Sprint</i>	23 <i>SkyView 2M Net</i> <i>RSGB 80M Club Champ. Data</i>	24 <i>NCCC Sprint</i>	25 <i>RSGB IOTA Test</i> <i>WASH Breakfast</i>
26 <i>RSGB IOTA Test</i> <i>WASH Sun. Net</i>	27 <i>Breezeshooters Net</i>	28 <i>WACOM 2M Net</i> <i>WACOM 10M Net</i>	29 <i>SCARC Social Nite</i> <i>Alleg Co. ARES Net</i>	30 <i>SkyView 2M Net</i>	31 <i>NCCC Sprint</i>	

July 2009

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

August 2009

September 2009

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

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



Somerset County PA Hamfest

***Presented by the Somerset County Amateur Radio Club
P.O. Box 1241
Somerset, PA 15501***

Talk-In: 147.195+ / 443.250+ K3SMT Repeater

Rain or Shine, the 'Fest will go on!
Plenty of indoor flea market space available.



ARRL
Sanctioned

Free Parking — Free Coffee — Breakfast / Lunch available on-site.

Sunday, July 19th, 2009 – 8:00 a.m. to 1:00 p.m.

Where: Somerset County Technology Center
281 Technology Drive, Somerset, PA 15501
GPS Coordinates: 40.00281N 79.03345W

Grounds Open at 6:00 am for vendors and tailgaters. Indoor area opens for business at 8:00 am.

Cost: Entrance Fee: \$4.00 in advance / \$5.00 at the door

Indoor Table: \$10.00 (Tables will be provided)

Tailgating: \$5.00

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

2009 Featured Vendors

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



**NBEMS Demo
by KB3FXI and W3YJ**

2009 Main Prize List

Main Prizes drawn at noon.

1st Prize: Yaesu FT-7800R Dual-Band Mobile

2nd Prize: Yaesu FT-60R Dual-Band HT

3rd Prize: Astron SS-30M 25A Power Supply

4th Prize: Eagle1 Mystery Prize Package

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

"Black Box" Prize

"Black Box" ticket drawn at noon or when
all 50 tickets are sold, whichever comes first.

50 Tickets will be sold for a mystery prize valued at between
\$125 — \$150

1 in 50 chance for only \$5 each!

Pre-order your admission and prize tickets; get detailed directions, maps, and more on our website:

➔ **www.K3SMT.org** ➔

Stay and visit awhile...

- Enjoy hiking, biking and camping in a rural setting
- Flight 93 Memorial Site
- Quecreek Mine rescue site

For more events and attractions:
www.laurelhighlands.org

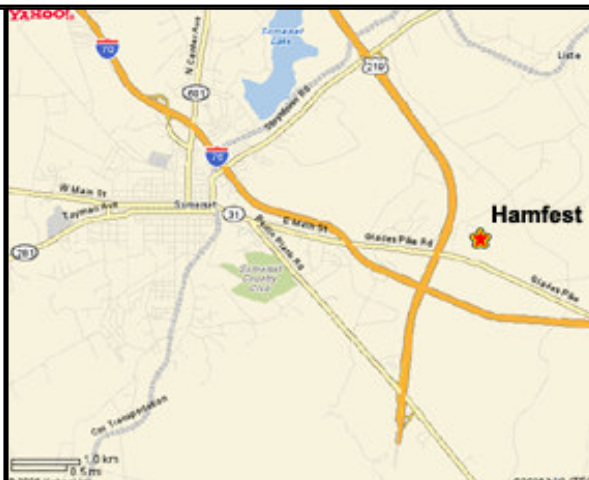


Directions from PA Turnpike Exit 110

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

Go 2.0 miles and
turn left onto
Technology Dr.

The Hamfest will be
on your right
behind the building





Ain't that purty?

N3UUZ

Photo

06/09/2009

More road improvements to the driveway are being made for your driving pleasure up & down the hill. Come on out & check it out. More pics inside! That goes for our annual Field Day soiree too. Check it out inside this issue!!

**NEXT
MEETING:
JULY 21
@8PM**



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

<www.w3kwh.com>



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