



CHEESE BITS

W3CCX
CLUB MEMORIAL CALL

ARRL
Affiliated
Club



Volume LIV

May 2013

Number 5

PREZ SEZ:

Dayton is upon us and it's time to make the long trip to Ohio. We look forward to joining up with the Packrat contingent at Hara Arena.

Please pass along your ideas. We are in discussions with the other clubs across the country to see how we can keep them alive. The Central States conference will have a session dedicated entitled "Save our Sprints".

For many it's coming into vacation time and the opportunity to relax and enjoy the warm weather.

We had a great time at the NEWS conference and it made many of us think of ways to improve our conference. Three of the packrats traveled via AMTRAK and the balance drove to the new venue just outside of Hartford, CT where we all had fun and enjoyed a great meal with ten at our table designed for eight.

This being a late issue we can report on the last of the Sprints. We enjoyed a marvelous Sporadic E opening that kept most of us busy for as long as we could put into the maximum four hour event. The statistics on my logger report maximum rates of between 1.9 and 3.0 contacts per minute. The next time that happens, I'd like to concentrate my efforts on the CW band, I saw a lot of activity, but never took the opportunity to go there and operate; my loss.

This comes on the heels of Sprints that seemed to lack activity. We are in discussions to get the Sprints revived. What ideas do you have to light a spark in activity? Would you like to see it at a different time? How about on a different day? What do you think of the results of distance scoring?

When we talk about Dayton, we know that the June VHF Contest is right behind it. This year we have plans for a reinvigorated six meter station. Len, N3NGE and Bill, K3EGE have started from the ground up with new (to the mountain) equipment including a higher tower and a new and longer antenna. Nick, N3YMS and Brian, N3EXA will be installing the two meter station with a station similar to last year. Gary, WA2OMY and George, KA3WXV will once again be marrying the 222 and 432 stations. I will be bringing the 902 and 1296 stations and Paul, WA3GFZ will again be bringing the 2-24 GHz microwave stations.

More importantly, we have all of the infrastructure captains bringing us our vitals: Doc, W3GAD and Michael KB1JEY will deliver the finest of food; Elliott, K3JJZ loads up his wagon with all of the networking and computing gear; then Nick, N3YMS and Bruce, WA3YUE will spark us with the energy we need to power the stations.

Please sign up and come for the entire weekend to experience the finest site and station in the area.

Last, keep September 28th open on your calendar; we will be holding another fine Mid Atlantic VHF Conference with Friday (27th) hospitality suite and

Pack Rats **CHEESE BITS** is a monthly publication of the **Mt. AIRY VHF RADIO CLUB, INC.** -Southampton, PA.

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Pack Rat Web Site: <http://www.packratvhf.com>

SUBSCRIPTION/ADVERTISING MANAGER:

Bob Fischer, W2SJ 7258 Walnut Avenue, Pennsauken, NJ 08110
(856) 665-8488 bobw2sj@verizon.net

EDITOR:

Lenny Wintfeld W2BVH 709 Lincoln Av., Cranford NJ 07016
(908)-272-0559 lennyw@comcast.net

CLUB TREASURER:

Dave Mascaro, W3KM 1603 Mink Road Ottsville, PA 18942
(215)-795-2648 dmascaro@verizon.net

TRUSTEE OF CLUB CALL - W3CCX

Brian Taylor N3EXA
(215)-257-6303 n3exa@verizon.net

PACKRAT 222 MHz REPEATER - W3CCX/R

222.98/224.58 MHz (PL 136.5) Hilltown, PA

OFFICERS 2012-13

PRESIDENT K3TUF, Phil Theis phil@k3tuf.com
VICE PRES: WA3GFZ Paul Sokoloff dogfaces@comcast.net
CORR. SEC: WA3EHD Jim Antonacci jjantonacci@verizon.net
SEC: KA3WXV George Altemus ka3wxv@yahoo.com
TREAS: W3KM Dave Mascaro w3km@verizon.net

DIRECTORS:

WA3SRU Joe Seibel wa3sru@verizon.net
N3YMS Nick Fedirko AAAComm@ymail.com
N3NGE Len Martin n3nge@dejazzd.com
WB2RVX Mike Gullo mgullo3@comcast.net
PAST PRESIDENT: W3GAD Doc Whitticar w3gad@arrl.net

COMMITTEE CHAIRMEN

January Contest K3EGE billk3ege@gmail.com
June Contest: N3ITT & K3TUF
HAMARAMA: WA3DRC & KA3WXV
VHF Conference: Rick K1DS rick1ds@hotmail.com
CoChairs
George ka3wxv@yahoo.com
Michael
michael@bassettconsulting.com

Awards Chairman KB3GJT
Quartermaster: K3IUV bsoltoff@comcast.net

PACKRAT BEACONS - W3CCX/B

FM29jw Philadelphia, PA
50.080 144.284 222.064 432.286 903.072 1296.245 MHz
2304.043 3456.207 5763.196 10,368.062 MHz (as of 1/08)

MONDAY NIGHT NETS

<u>TIME</u>	<u>FREQUENCY</u>	<u>NET CONTROL</u>
7:30 PM	50.145 MHz	K3EOD FM29II WA3QPX FM29di
8:00 PM	144.150 MHz	N3ITT FN20KI
8:30 PM	222.125 MHz	KB1JEY FN20je
8:30 PM	224.58R MHz	W3GXB FN20jm
9:00 PM	432.110 MHz	WB2RVX FM29mt
9:30 PM	1296.100 MHz	K3TUF FN10we
10:00 PM	903.100 MHz	WA3SRU FN20Ie

Visit the Mt Airy VHF Radio Club at: www.packratvhf.com or www.w3ccx.com

Sunday (29th) mini (or micro) hamfest in the parking lot of the InnPlace Hotel where we are again holding the conference. You can sign up now on the packratvhf.com website. Have a great month and Lets work on lots of bands,



Phil K3TUF

Packrats 2013 Awards Presentation

Joe WA3SRU hosted the presentation of 13 Plaques and 4 Special Certificates at the April meeting. Awards were presented by Sean KX9X, ARRL Contest Branch Manager. Sean also did a super presentation on VHF+ contesting and displayed a remarkable folding 6 meter 2 element beam. Here is a list of the recipients and some very nice pictures of the presentations. Congratulations to all the winners!!!

1st Place - Single Op High – K3TUF - Phil Theis – 272,384
2nd Place - Single Op High – WB2RVX – Mike Gullo – 199,056

1st Place – Single Op Low – W3SZ – Roger Rehr – 185,725
2nd Place – Single Op Low – WA3NUF – Phil Miguez – 132,496

1st Place Multi Op – N3NGE - Len Martin - 591,832 With K3EGE, K9PW, KB2AYU, N3EXA, K3DK & K1WHS

1ST Place Rover – NN3Q/R – Russ Lamm – 110,228

Most Improved Score – WA3GFZ – Paul Sokoloff – 68,526

Most Improved Score – NN3Q/R – Russ Lamm – 110,228

Home Brew Contest

Most Innovative – Sliding H-Frame & Controller Kit/Inclinometer
WA3GFZ – Paul Sokoloff

Best Construction – Yagi Construction Techniques N3RG – Ray Golley
Best Commercial Equipment Conversion – W2BVH – Lenny Wintfeld
Oldest Home Brew – Regenerative AM 2 Meter Transceiver K3VEQ –
Joe Silverman

Rover Recognition Award

Rover Recognition Award 2012 – VE3OIL/R – Russ Beech

Packrat QSOs / Different Packrats Worked Certificates

N3NGE **Multi Op** 414 Pack Rat QSO's 64 Different Pack Rats Worked
K3TUF **Single Op** 353 Pack Rat QSO's 54 Different Pack Rat QSO's
NN3Q/R **Multi Op Rover** 430 Pack Rat QSO's 45 Different Pack Rat QSO's
K1DS/R **Single Op Rover** 405 Pack Rat QSO's 41 Different Pack Rat QSO's



...Awards cont'd



Internet Broadcast Crew



2 el 6 Meter Beam while folded (metal origami)



Tnx to EI, K3JJZ & Joe, KC2TN for pix

K1DS/R Microwave Sprint

I had prepared the rover on Friday for the microwave sprint and headed out early Saturday AM to find some QSOs. Heard and worked K3TUF through 3GHz and then WA3SRU and W3HMS on 903 and 1296MHz. Found NY2NY in FN30 but we couldn't hear each other on 1296MHz. With everything so quiet, I headed home at 9:15AM.



Warminster Hamfest Report

I went with Jim WA3EHD to the Warminster Hamfest --we arrived about 8AM and the parking area had over 120 cars and the pavilion was about 2/3 full and the outdoor spots were busy with two full lanes and the connectors lined with electronics. They also had a food truck on the selling area, as well as the indoor donation coffee pot.

It was cool and grey, and the sun broke through by about 10AM---as we were leaving and the lot started to empty. We had seen every vendor, bought the stuff we needed (and some stuff perhaps we didn't) but all-in-all it seemed to be well run and well attended. Jim scored some parts for his antenna support system and I got some pieces for my higher powered 1296MHz EME setup. There was something for everyone--from vintage military surplus, to many classic National, Hammerlund and Hallicrafters rigs that I would have been proud to own when I was a teenager, a mere 50 years ago. What about all those KW and more linear amplifiers? There were brand-new gel cell 18AH batteries, plenty of wire antennas, series of VHF rigs and brick amps, FM boxes and walkies, tons of lap-tops, boxes full of coax connectors and adapters, many multiband transverters, and how many of you spotted the SDR1000 and the SDR-IQ for sale? Cartons full of all sizes of tubes, rolls of miniature components, dozens of meters and test gear of all sorts. Desk microphones, from the classic Astatic "lollipop" to the more modern desk-mikes that match the big three Icom, Kenwood and Yaesu. I considered buying a working AZ-EL rotator and control box made by the manufacturer who had their name on them before Yaesu took them over--it had an asking price of \$150--and I'm sure some ham into satellites could have made a deal. **G & G Electronics** was there with his collection of CW keys and Bird slugs, as well as the **RF Connection** with their wires, cables, connectors and other useful parts. Several Packrats were sellers and buyers and everyone seemed to be satisfied with the activity. I am hopeful that our mini-fest on the Sunday following the VHF Conference will be successful in attracting VHF-related items to keep the conference attendees and any other buyers and sellers satisfied. 73, Rick, K1DS

Mike, KB3GJT Reports 6M Long Haul TE QSO

Earlier this evening (5/10/13) I had my first experience of real 6m DX. It was just a matter of being in the right place at the right time when the band opened from my QTH in FN20md to CE3SX in FF46rn, Santiago, Chile. This combined Es/TEP path was worked on my end with just 50W into an attic dipole at 18ft (plus about 30ft ASL) on 50.123 USB. That works out to about 100 miles/watt on sideband. Epic cool!

—Mike, kb3gjt

Congrats, Mike! Note: Your editor was well aware of this TE/Es opening (WA2LTM was touting it as early as 1:30 pm, at lunch). While Mike was working it later in the day, your editor was staring at bumper-to-bumper traffic on the New Jersey Turnpike. If someone will just tell me when the openings are going to happen, I'd know when to call in sick. —W2BVH

1296 SSPA Testing

After picking up a 1000W Bird slug for 400-1000MHz, I decided that it was time to test my newly purchased PE1RKI 1296 SSPA. I actually bought it last summer following the EME meetings, as I had the opportunity to see one there. It is excellently constructed, with metering for several parameters. I also bought the circulator for this power, just in case....Today I wired up all the DC power---it likes 28VDC at about 21 amps, and the bias applied is any modest DC power as there is a regulator circuit internally to keep it at the requisite 5V.

Thanks to Wayde K3MF, I have a Lambda 28VDC supply that is about 40 pounds. Once I had the TS2000x set for 1-10 watts output, I checked the various Bird slugs and saw that they read about 20% low, as they are not specifically calibrated for 1296. With the 500 watt slug I was measuring 225 watts on the meter for 4 watts input. Applying back the 20% calibration factor, I am probably closer to 275 watts output.

Pictured is my test bench with the Lambda supply on the left, the amplifier next to it and the 12VDC PS and TS2000x on the right. The amp is actually the small silver box and the black box underneath is the cooling system of push-pull fans.

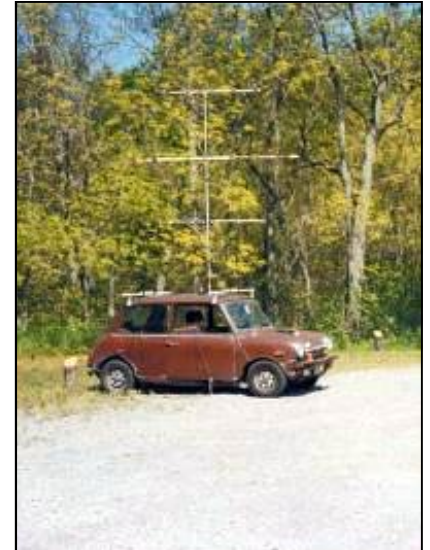
Hopefully this will get me heard a little better on 1296 EME CW soon. 73, Rick, K1DS



Roving in VE-Land

by Russell VE3OIL

VE3NPB (Murray) and VE3OIL (Russell) have been roving with and against each other from the inception of the competitive rover in ARRL VHF contests. The first year we assembled a plan and equipment in the interval between the announcement of the category for the June contest and the actual event. Murray already had an IC-551. We borrowed an FDK Multi-2700 from the University we had just exited and found a Belcom 432 rig at the local flea market the morning of the contest. The 6m antenna was built from materials found at the local hardware store. The 2m yagi was borrowed from a friend and the 432 array a discarded quad quagi we experimented with during club operations while students. We used a provincial road map to locate the grid boundaries. We were accidentally locked in at the park we used Saturday night. The 2m yagi crashed onto the trunk and was later stabilized with an old tire we found in a ditch. (At the end of the rove the tire was donated to the dump we happened to be beside). The 432 array was such a pain, it was set-up only once.



We rated the event a success. We executed the plan we set for ourselves, made ourselves available for others to work and got home safely. Getting wall paper later was a bonus. The lessons learnt from that first event have been applied ever since. Keep it on the road, on the route and on time; more bands, more antennas, more power, reduce set-up time and make the setup reliable.



A short review of the lessons learned will show that we have conflicting requirements. For example, in early years we attempted to get more antennas with phased arrays. Of late we have decided that set-up and reliability are more important. Similar negotiations have been made on just about every band.

By necessity and nature we have generally had to be gentle with our radio dollar and much of our gear is second, third (or more) hand and home brewed. Patience and a good eye at a flea market are a must. We are currently stalled at 12 bands (50MHz

through 24 GHz plus laser) as we have yet to see any suitable hardware for 47 or 75 GHz peaking out of a box at the flea markets attended.

The set-up has never been the same two years in a row. It is adjusted to accommodate the equipment available, expected local participation, the rules and who is roving. We operate together under both calls and separately under our own. We have participated in the ARRL VHF events, the ARRL UHF, CQ VHF and 10GHz. Our stations will continue to adapt to rule and

station changes as we rove.

Route planning has progressed from sites of opportunity to hilltops culled from topo maps, elevation tables and located by GPS. Rare grids have been activated in the hope that rarity could breed excitement that generated contacts. Experience has shown that **no amount of rarity will make up for the distance to 'local' activity.** Recent routes are more focused on concentrations of known activity, local and DX. Some sites favoured in early years have become less profitable as the



distribution of VHF stations changes. Some sites have been lost as the site ownership changes, it is developed or it becomes overwhelmed by trees. At least one site is simply not there anymore. We had a site beside a barn that disappeared as the land underneath was washed into Lake Erie.

The current stations are too complex to list completely but include: FT-100, IC-706, IC-706MKIIg, FT-221, FT480, several HT's, multiple transverters, amplifiers, switches batteries, and relays. The antennae range from dipole though yagi, looper and horn before ending with dishes on the highest bands. The feedlines and jumpers are nearly too numerous to count.

After more than 20 years I think it is safe to say we have learned a fair amount about VHF roving. The future can't be predicted but as the learning is not yet complete, it is not yet time to close the books.

Lucca Italy, A Center for EME Ops

AI, K2UYH reports that the small town of Lucca Italy has THREE EME stations !!

Here's a note from Andrea IK5QLO:

I am happy to report that the 3rd station from our town Lucca is now QRV on 23cm EME. We are:

IK5QLO - Andrea JN53FU-2.4 meter dish 300W QRV CW and JT65

IK5VLS - Gabriele JN53GU 4 meters dish 250W

IK5EHI - Alessandro JN53CX 2.1 meters dish 180W QRV JT65 (willing to try CW)

Its very nice to have friends and neighbours to share passion, ideas and help, about our wonderful hobby.





Rover Recognition Award 2013

The Mount Airy VHF Radio Club established the Rover Recognition Award in 2005 to honor the efforts of rover stations in VHF, UHF and microwave contesting. The Packrat Board of Directors reviews the activity of the rover stations in all of the competitive VHF events throughout the year. Consideration is given to the effort, regularity of operation, bands operated, grids covered, and contribution to the VHF community, unique factors, and operating characteristics. Although total scores are factored in, they are not significant criteria for this award.

Russell J. Beech is the recipient of this year's award, presented at the Packrats' Awards Night meeting on April 18, 2013. Russ has also partnered with Murray Hill VE3NPB on their roves. VE3NPB (Murray) and VE3OIL (Russell) have been roving with and against each other from the inception of the competitive rover in ARRL VHF contests in June of 1991. Their rover station has gone through many changes and their routes have been modified and improved over the past 20+ years. In several events they have been in the top three scores and have been the winners of the rover class at least once. Their calls appear in several of the Packrat contest logs.

The memory of Bill Seabreeze, W3IY (SK), is honored by the Rover Recognition Award. The Mt. Airy VHF Radio Club, Inc. members were fortunate to have had Bill operate the VHF contests and other on-the-air activities from Bill's rover van in grids adjacent to "Packrat territory" and were responsible for hundreds of QSOs, dozens of grid multipliers and thousands of contest points for the Packrats in each of these events. Christophe ON4IY was also Bill's roving partner for many years.

The club voted to make Bill Seabreeze, W3IY (SK) an Honorary Packrat and also awarded him a plaque in recognition of his efforts and achievements over the past several years. Not only had he been an active roving contester, but he stimulated significant microwave activity in the region with the consensus building of the designated "Microwave Activity Days," commonly referred to as MAD on the first Saturday morning and the first Monday evening of each month. Many of the rovers in the region try to get their vehicles out for these MAD periods, home stations are active, and all try to make sure that their gear is in working order, and possibly try out new modes, new paths and new bands. Additionally, Bill established an excellent web site as a resources page for rovers, including lots of pictures of his gear, rover vehicle and operating sites. There were also a host of links and other useful info on roving issues and how he had addressed them from his experience. The Rover contest designation was established in the early 90's as a new option for stations that were mobile through several grids that would have otherwise remained 'unactivated' during the contest. Many clubs supported the early rovers as a method of increasing both the activity and scores. According to Dan Henderson, N1ND, Contest Branch Manager, ARRL, (at the time) "...the rules change occurred in the '91-'92 contest season. The biggest reason of the establishment (of the) category was to open up the captive rovers and allow them to work more stations for score."

Congratulations to Russ and Murray. We hope that you will hang this plaque in a prominent place and continue to rove in the spirit of Bill Seabreeze, W3IY/R, (SK).

Submitted by Rick Rosen, K1DS, President emeritus, Packrats. Rick1ds@hotmail.com

George W3VVP, SK

George Earl Clough, a lifetime resident of Cordova, MD, died, Thursday, April 25, 2013. He was 88.

Born September 25, 1924 in Baltimore, MD, he was the son of the late James Earl and E. Iola Nicholes Clough. After graduating from high school he enlisted in the US Army, October 26, 1942. He received an honorable discharge, October 30, 1945, and was an Army School X-Ray Technician. While in the service, he received the Good Conduct Metal, EAME Ribbon and the American Theater Ribbon.

During his working career he worked as an Easton Police Officer, and for thirty some years, he worked for the US Postal System as a rural route carrier for Easton and Cordova until retiring.

He was a member of the Fairview Church of the Brethren in Cordova, a life member of EE Streets VFW Memorial Post #5118, American Legion Post #70 and Cordova Firemans Association. Other memberships included the Tuckahoe Steam and Gas Association, Coates Lodge AF&AM, the Civil Air Patrol and was an avid HAM Radio Operator.

Mr. Clough was preceded in death by his wife, Pauline S. Clough (Polly) and a son in-law, Donald Paswater. He is survived by two sons, Denny G. Clough (Erika) of Easton; Kenny E. Clough of Cordova; three daughters, Susan E. Paswater of Denton, Carol C. Voorhees (Bob) of Harrington, DE and Penny Smith (Dale) of Ocean City, MD; six grandchildren and ten great- grandchildren.

Memorial donations may be made to the VFW, 355 Glebe Road, Easton, MD 21601 and the Cordova Volunteer Fire Department, P. O. Box 102, Cordova, MD 21625.

Yesterday (4/25/13) George/W3VVP passed away at the University of Maryland Hospital, he was 88 years old and very active in ham radio. As a personal friend, I will miss him a lot. I was very instrumental in getting George on the higher bands and getting him to join the club. And with the last few VHF contests, he was getting the "HANG" of contesting.

So now a silent key from FM-28, R.I.P. W3VVP/George

de George/WB3IGR

George Sri to hear about George passing. I could tell when working W3VWP he was enjoying it and got quite good at it.. When you helped him get on another band I could hear the smile and excitement on the other end. I am sure you helped to make his last days in ham radio happy. 73 Paul, wa3qpx

So sorry to hear another VHF voice silenced. It was always good to hear the "two Georges" sign in on the 222 net when I ran it.

RIP VVP

Phil K3TUF

Mark your calendar now for the weekend of September 27-28-29 for the Mid-Atlantic VHF Conference

Please submit your Papers and Presentations

Sept 27 Friday evening--hospitality and table-top swap and sell

Sept 28 Saturday--Conference presentations and banquet with door prizes

Sept 29 Sunday morning 8A-11A--free outdoor VHF flea-market

Location: InnPlace Hotel, Bensalem, PA

Special Early Bird pricing \$40 for Conference includes hospitality, conference, proceedings disc, snacks and pizza lunch Sat.

Banquet \$40 per person.

Door prize tickets only for sign-up to both conference & banquet

Send papers, presentations or questions
to rick1ds@hotmail.com
More info to follow

April Packrat Meeting Live Streamed on the Internet

Last night (4/18) we had a great meeting. Thanks to all who attended, and thanks to Sean Kutzko who gave us some fascinating statistics on VHF contesting.

Many Packrats were honored with their awards for performance in recent events. Thanks to Joe, WA3SRU our awards chairman.

A fine time and food was had by all who took advantage of the "meet the speaker" dinner.

We also (finally) were **successful in broadcasting the meeting** to those who could not make it to the venue. It took us a little time to get the levels right, but thanks to K3JJZ, WA3GFZ, N3YMS and N3EXA who got it going. We have two live microphones and are working on our discipline in passing the audience microphone around when they speak.

For the time being we are using a free application; as time and acceptance goes on we can move to other more widely used (and more expensive) solutions.

We will start broadcasting again for the fall season with the September Meeting.

Thanks all,
73,
Phil K3TUF

The Wayback Machine

Gleaned from the pages of
Cheese Bits, May 1963

(Vol. VI Nr. 2)

(Authors comments in *italics*)

- ARRL date for visit and delivery of Packrat model set for 6/29/63. Bus leaves at 4:00am from NE Philly airport. Cost \$10 p/p, includes dinner in CT (choice of Lobster, Duck or Ham)! This trip delivered the Packrat \$ donations and scale model of W1AW covered with bricks engraved with donor's call letters.
- "A number of the members leave their 221.4 rigs on as an intercom. K3IUV came home one night and xyl Harriet told him 'check the basement right away. W3CL Harry was down there talking to someone for over an hour, and I have no idea how they got into the house'". (*Suffice to say, after that I always turned the audio down when leaving the shack!*)
- New Products of Interest, by W3NSI. Heathkit announced plans to release a SSB transceiver kit for 75-m (HW-12) in June. To be followed shortly by the HW-22 (40-m) and HW-32 (20-m). Price \$119.95. (*For many years, an HW-32 served as my source for the 432 net operations*).
- Frankie (W3SAO) reports his first 2-meter rig (1951) consisted of a converted SCR-522, a BC-354 receiver with a 6J6 converter, and a folded dipole.
- ARRL Official Bulletin #890. Increasing FCC citations, and reports from Official Observers (OO) suggest all hams need to examine their own signals for Splatter, Key Clix, and out-of-band operation! (*A full page of operating and equipment suggestions was included in this issue*).
- ARRL Official Bulletin #891. Amateurs are reminded of operating aids available from the league, including the phonetic alphabet, GMT time conversion and others.
- Nice letter received and published, from SIRAN (South Indian Radio Amateur Newsreel), thanking our club for the issues of Cheese Bits and support we have provided. Included was a copy of the first issue of their club paper.
- Extracted from the SJRA "Harmonics". Many years ago, a series of humorous articles appeared in QST, signed by The Old Man (*T.O.M. later identified as Hiram Percy maxim, founder of the ARRL*). These articles assailed poor operating practices, rotten signals, lousy sending, etc. They made the novice of those days aware of his faults and chastised him into becoming a better ham. For the incorrigible lid, T.O.M invented such diabolical instruments as the Wouff-Hong and the RettySnitch (*ask an old-timer for details*), which were said to be most effective, although somewhat gory!

(More of the article and it's applicability to current ham practices can be read in the online copy of this issue, found at www.W3CCX.com).

- AREA. Helen included a 2-page article describing the Amateur Radio Editors Association (AREA), of which our club editor is a member (*does this still exist?*).
- Technical. Schematic and description of a 3-tube SSB converter for 2-meters was included. Using a 6U8 oscillator, 6CL6 amplifier, and high-level mixing in a 6360 using a 14-Mc SSB source, it produces 3-w at 144-Mc. Also used an OA2 regulator (*who remembers these neat "glow" tubes?*).
- As in previous editions, many "folksy" comments about members, their families, and activities were included in this Cheese Bits. If interested, visit www.W3CCX.COM and read the full issue posted there.

thirty, de K3IUV



Events

For inclusion, please direct event notices to the editor.

Dayton Hamvention - Hamfest (etc) May 17 –19, 2013 Dayton OH. See www.hamvention.org/ for details.

OMARC Hamfest May 18, 2013. Wall Twp, NJ. See <http://www.n2mo.org/> for details.

ARRL June VHF QSO Party - Contest June 7-10, 2013. **Second major club contest activity of 2012.** Please participate. Volunteers still needed for Camelback operation (especially on Friday for loadup and setup and for Monday teardown). If you can't make it to Camelback, please plan to operate with your own equipment and get/give out points to everyone, especially to your fellow 'Rats. See <http://www.arrl.org/june-vhf> for additional details.

Valley Forge Hamfest - Hamfest July 7, 2013. [742 Pike Springs Road](#) (Kimberton Fire Company grounds). Kimberton, PA. See <http://www.marc-radio.org/hamfest.htm> for details

CQWW VHF Contest - Contest July 20, 2012 1800Z to July 21, 2012 2100Z. See <http://www.cqww-vhf.com/> for details.

ARRL August UHF Contest - August 3-4, 2013. Details to follow.

10 GHz and Up (round 1) Contest - August 17-18, 2013. Details to follow.

September VHF QSO Party - Contest September 14-16, 2013. Details to follow.

10 GHz and Up (round 2) Contest - September 21-22, 2013. Details to follow.

Russ VE3OIL Response to Rover Recognition Award

Here is some email correspondence between K1DS and Russ VE3OIL, prior to his receiving the Rover Award.

Russ—will you be attending the NE VHF Conference at the end of April? Will you be at Dayton? Central States VHF Conference? Rick, K1DS

Regrettably family and work limit my travel to events such as this. The only time I made it to Central States was when it was in Toronto. Dayton is on my list as an event every North American ham should see but it is unlikely to happen until my kids are off of the payroll. —Russell

Let me know if you receive a small package from me by mail services. —K1DS

Yes, we don't go to the mailbox every day. The parcel just showed up. Thank-you !!! The shack is currently ripped apart as I am putting a second storey on the house. I will find a place on the wall for the plaque once I get one rebuilt! I think Bill extolled us to listen for the weak ones. That will likely be us but I expect to be on the road again and again and again!

73 Russell

Sounds like it was a good surprise —W2BVH

G AND G ELECTRONICS OF MARYLAND

JEFF GOLDMAN, K3DUA

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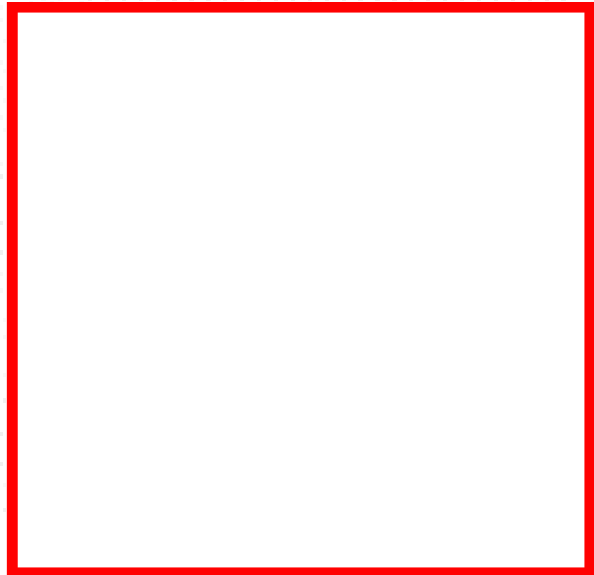
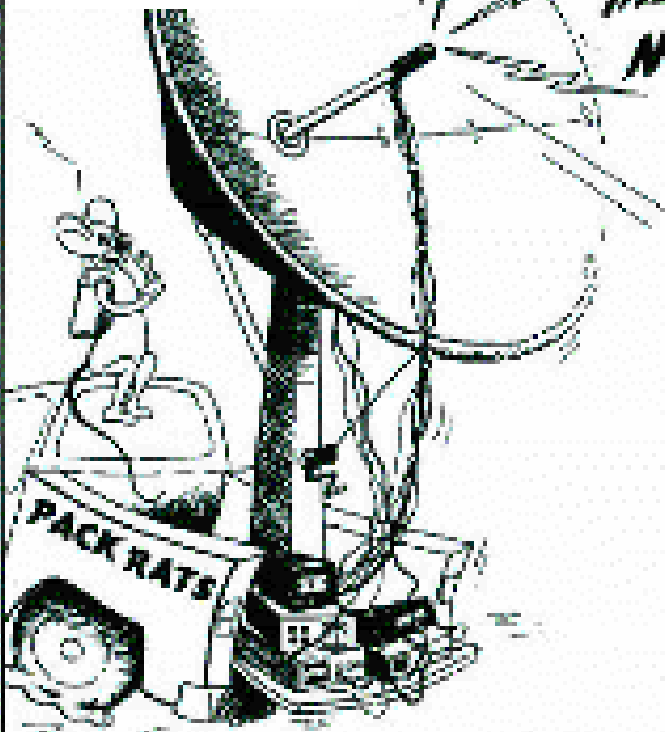
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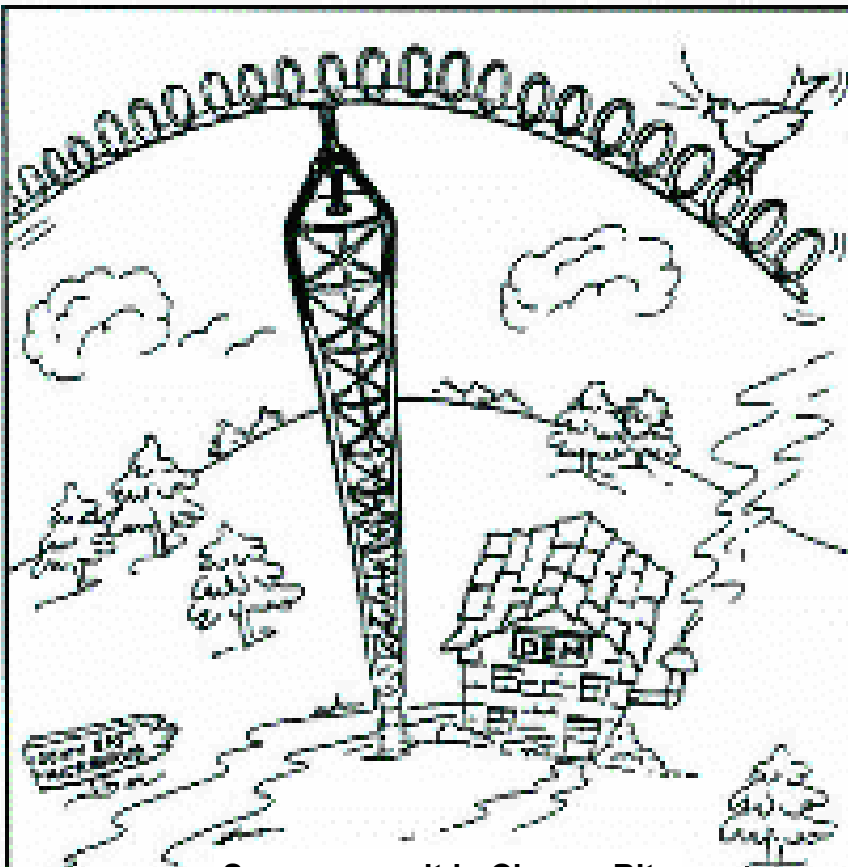
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