

Volume LXV

March 2022

3 Number



As I write this today on March 7th, the temperature reached 70 degrees in the SEZ: Philadelphia area with some rain and strong winds

forecast for tonight; finally dropping to near freezing on Wednesday. Tired of this yet? Hopefully this month will "go out like a lamb". The weather is not the only turbulence reported this week. Our hearts, thoughts, and prayers go out to the people of **Ukraine** as they literally fight for their lives and freedom. If you have a loved one there or other connection, they are also in our thoughts.

While looking through the Cheese Bits archives on our website, I learned that it's not too early to start talking about the June VHF Contest. The following quote is from the March 1991 issue by President Dave Hackford, N3CX. "The first June VHF Contest meeting was held at WA3NUF's QTH and a lot of enthusiasm was expressed on the upcoming event. WE NEED MORE **OPERATORS!!** The site for the Packrat station this year will be the summit of Camelback Mountain, FN21, in the Pennsylvania Pocono Mountains. That location is not far from the Philadelphia area and I hope that we see more club member participation and less lip service" (Dave was not known to mince words). "Come on out and pitch in some help; you'll enjoy the scenery. Contact a band captain for job opportunities". Well, that was over 30 years ago and you know what? 'WE STILL NEED MORE OPERATORS!!'

Contact our 2022 Band Coordinators: 50 MHz-Ray, N3RG; 144 MHz- AI, KB3SIG; 222/432 MHz-AI, KB2AYU; Microwaves- Ben, WA3RLT & Bob, W2SJ. They will be more than happy to have you come up for the weekend, a day, or a few hours to help the club put QSO's in the log. We will be running equipment for 10 bands with good power and antennas. The stations heard from 2,035 ft ASL and full 360 degree view to the horizon is an absolute blast. Especially so if you normally operate from a valley, have HOA restrictions, or compromised antennas. Let's unleash all that pent up energy from COVID doldrums and make this the best June Contest in a long time. GO PACK RATS!!

If you will be at home that weekend, **please** work W3 Charlie, Charlie, Xray on all bands you have. A good check for your equipment is our Monday Night Nets each week. Also the Spring Sprints starting April 11th is another way to check your equipment. Sprint dates, bands, and times are listed under "Events" elsewhere in this Cheese Bits issue.

Our Annual ARRL Night will be Thursday April 21st with ARRL officials bringing us the latest news from the League. Packrats Awards will be presented from the January Contest and also the prestigious Packrat of the Year and Mario awards.

Lastly, the Packrats Election of Officers will be in June as usual. The nominating committee has already been busy "twisting arms" as is the tradition to fill all positions. Please consider

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

We operate on a .PDF exchange basis with other non-commercial publications. Anything that is printed in CHEESE BITS may be reprinted in a not for profit publication, unless stated otherwise, provided proper credit is given. Deadline for articles and swap-shop is the monthly meeting date. Non-commercial swap-shop items free of charge.

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

SUBSCRIPTION/ADVERTISING MANAGER:

Bob Fischer, W2SJ 23 Morning Glory Circle, Mullica Hill, NJ 08062 (609) 440-2916 bobw2sj-at-gmail.com

EDITOR:

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

TRUSTEE OF CLUB CALL - W3CCX

Mike Gullo WB2RVX (609)-743-6643 MGullo3-at-comcast.net

W3CCX QSL CARDS:

Bill Shaw K3EGE

PACKRAT 222 MHz REPEATER - W3CCX/R

222.98/224.58 MHz (PL 136.5) Hilltown, PA

OFFICERS 2019-2020

PRESIDENT W2SJ Bob Fischer VICE PRES: W3GAD Doc Whitticar CORR. SEC: WA3EHD Jim Antonacci correspondence-at-packratvhf.com REC SEC: KB1JEY Michael Davis TREAS: W3KM Dave Mascaro **DIRECTORS:** K3JJZ El Weisman KB3MTW Michelle London KC3BVL Jim Huebotter K3GNC Jerome Bvrd

Honorary Director George Alternus KA3WXV

president -at-packratvhf.com vicepresident-at-packratvhf.com secretary-at-packratvhf.com

COMMITTEE CHAIRMEN

January Contest June Contest 2020: June Contest Technical Chair Phil K3TUF phil-at-k3tuf.com VHF Conference: Awards Chairman Quartermaster: Membership Chairman:

OPEN Bert K3IUV bsoltoff-at-comcast.net

MikeN2DEQ andraym2-at-comcast.net

MikeN2DEQ andraym2-at-comcast.net

Michael KB1JEY kb1jey-at-arrl.net

PACKRAT BEACONS - W3CCX/B

Located at FN21be except 2304 which is at FN20dh 50.080 144.300 222.062 432.290 903.072 903.3 1296.264 2304.3 3456.200 5760.3 10,368.3 MHz (red = temporarily off the air see https:// www.packratvhf.com/index.php/on-air for details)

MONDAY / TUESDAY NIGHT NETS

VHF/UHF Monday:			
TIME	FREQUENCY	NET CONTROL	
7:00 PM	224.58R MH	z WR3P FN20kb Ralph	
7:30 PM	50.150 MH	z N3RG FM29ki Ray	
8:00 PM	144.150 MH	z K3GNC FN20ja Jerome	
8:30 PM	222.125 MH	z KB1JEY FN20je Michael	
9:00 PM	432.110 MH	z WB2RVX FM29mt Mike	

Microwave Tuesday:

7:30 Coordinate QSO's on 144.260 for all Microwave bands you'd like to work. Also setup Q's at w4dex.com/uhfqso or Packrat Chat Page W3SZ.COM

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

running for a club position if asked. It's very rewarding and a nice way to give back to the club.

Meanwhile, finish a project on the bench, keep one ear "listening for the weak ones", and the other on the "Magic Band"!

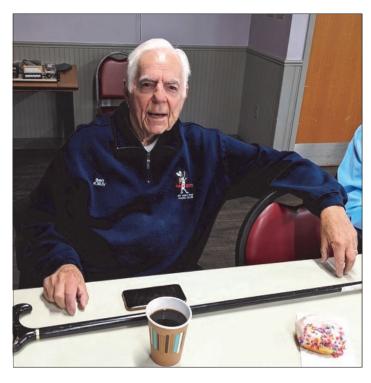


Vy 73,

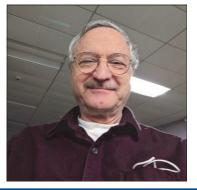
Bob W2SJ

FEBRUARY MEETING PICTURES





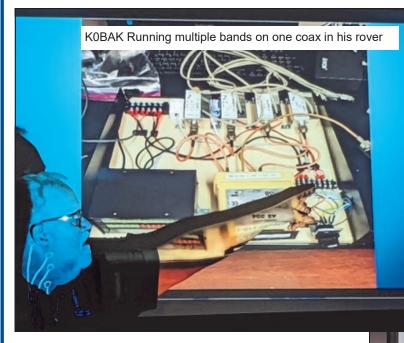












Homebrew Night Presentations

KB1JEY Station Upgrade (lower four using K3S)







HAMCATION Orlando 2022



The Annual Orlando HAMCATION and the National ARRL Convention were held in Orlando in early February. Since I'm 180 miles away and I hadn't been there for a few years, I decided to register early, sign up for an all-day seminar on Emergency Communications and then spend a day at the Central Florida Fairgrounds searching out old friends, new vendors and the usual flea-market, spread over many acres. I even got a bargain rate room at the Rosen Inn. Although the EMCOMM seminar was to be for 25 attendees, it ballooned to 100 hams. We spent 6 hours learning about ARES and AUXCOMM and the national and statewide networks and integration with other emergency services. All attendees downloaded and operated WINLINK, sending test messages over the

TELNET link that was set up in the room. We also practiced some voice message handling over 2M FM as many had their walkies as well as others who came fully equipped with their portable "Go stations" complete with auxiliary power. I found the seminar very useful as I have volunteered to provide the radio communication for our local community CERT group.

Lunch was included and the ARRL speakers included the top officials and various plaque presentations to those who had given outstanding service. It was there I ran into Bob McGwier, N4HY, who as you may recall was a Packrat for awhile and served as VP for a year when I was president. He is retired from the NSA and is still very active with AMSAT and digital communications. Many of you may recall the presentation he made to the club back in the library basement about SDRs when they were first introduced.





HAMCATION opened at 9AM on Friday and I made my way through the vendor hall, seeing Joe Fairclough of the JHS 22 school student ham program to which I have been a donor of both radios and financial support for many years. I picked up a few small parts that I never seem to have enough of. There were huge displays by most of the major companies that you see advertised in QST, and Reinhart was also there representing BEKO from Germany. I scored a 24AH LiFePO₄ battery and charger to add to my EMCOMM

capabilities. The next hall had the booths from various societies along with the drum for the prize stubs. I saw several hams madly writing their contact information on stacks of stubs.

Apparently, you can buy these packets of

tickets for a price to increase your chances of winning the great door prizes. As one fellow stamping out his info on the stubs said, "After all the money you spend to get and stay here, it's a small price to pay to try and win a prize."

There were programs on both days in 4 portable classrooms, and the one that attracted me was the OJ0C DXxpedition to Market Reef, given by Adrian KO8SCA. This uninhabited 4-acre island has a unique distinction of being owned by 2 countries who divided the island—where is it and who



owns it? Take a guess and see the answer below at the end*.



Now onto VHF radio row where Downeast Microwave was the center attraction. In the same area, I picked up an extra Baofeng 144/222 walkie from a table representing an estate sale. Snapped a quick selfie with Steve and Sandy. Ran into Mark K1MAP who was in Florida for a few weeks. Next table was being tended by Warren WB2ONA with visitor Dick WA2AAU. AI, W5LUA was there with K2DH, Dave Halliday. AI Oldfield W9KXI and

his XYL were cruising the flea market and we met with Don Hawbaker, W3CJG, a previous rover from PA, now doing EME in Winter Park FL. Don and I had lunch together and chatted with about VHF activities. I made one more pass at the flea area, picking up some nicely made Nconnector jumpers that were short and used solid copper tubing coax to connect them. In the commercial barn I bought an inexpensive magmount dual-band antenna for my walkie. It was time to drive home and I walked toward my car and another ham bumped into me. I tried to side-step him, but he bumped me yet again. I looked up. I recognized the voice. Great to meet up with John, KB3XG once again. We chatted for a while and caught up on each other's lives and families. So nice to leave HAMCATION with all my expectation boxes checked! 73, **Rick K1DS**







Packrat Ken Kent KA2LIM, SK

Packrat Ken Kent KA2LIM passed away February 18, 2022 from COVID / pneumonia. Ken was the architect of the K2LIM contest group and its station in the Pine Valley, New York area. He was very active on VHF through 10GHz and in recent years was roving in his van. He was also a Command Sergeant Major in the 98th Division Army Reserve.

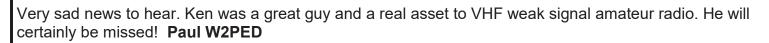
Some tributes and remembrances from his fellow Packrats::

Yesterday when I received the call from AI, W9KXI I was shocked because the most recent reports from Jean were that he was making progress. To many of us Ken was a good friend and he will be sorely missed. To the radio community, Ken was a major contributor who put FN12 on the air (K2LIM) and after the contest station was taken apart he continued with the KA2LIM/R. Anyone who ever met Ken came away with a good feeling and was impressed by his enthusiasm over getting into new aspects of our hobby. His recent accomplishments included his ten band rover, EME and digital communications... always learning, always sharing!

He was a musician that loved playing guitar and writing Christian songs. He loved God, his Family and his country. I could go on and on but I'm sure there's others who knew Ken that can do a better job. Rest in Peace de **N3RG Ray**

Sorry to hear of Ken's passing. Condolences to family and friends. de: **W1SMS Steve**

This comes as a huge shock. The last time I saw Ken was at the Super Conference in D.C. I was envious that he seemed so fit and active. Bummer. My condolences to his friends and family. **Jerome - K3GNC**



I was working up at Corning Glass in 2010 on some sort of RF amplifier to drive a fiber for high speed internet access inside a building. I contacted Ken and realized that Pine Valley, NY was only about 30 min away from Painted Post, NY. We made a dinner date and continued to meet regularly for as long as the Corning job lasted. I was at the FN12 site with the cows and cow poop a few times. Very impressive. My favorite was the short yellow school bus full of radio gear. Ken said this was for VHF operators with special needs. I had a conversation with Ken sometime last year. He had some sort of power amplifier question. We talked for about 45 min and I think we figured out his problem. He always started out every conversation with "I'm just a dumb farmer, but". I have upstate NY dairy farmers in my family and they are the furthest thing from dumb. **73 KB3XG**

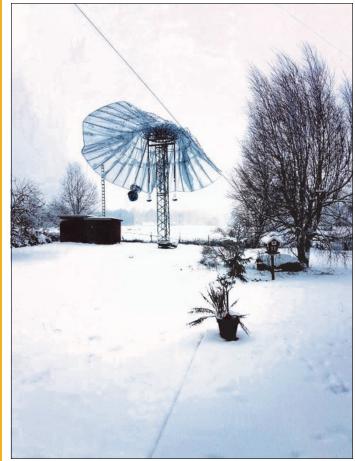
Sad news. Sorry to lose a good man and ham. Couple of contests ago he wouldn't give up till we completed a Q on 902... took 20 - 25 minutes but we did it. Ken often referred to himself a "Just a dumb farm boy". Not!! We should all have his enthusiasm. Amazing that he made it down to Packrat meetings with Al from Pine Valley. Condolences to his family. RIP Ken. **Lenny W2BVH**



KA2LIM cont'd

Sad news. Ken had a special knack for maximizing radio activity with efficient use of antennas. His portable trailer mounted designs and fabrication were excellent. The contest station in FN12 was highlighted at one of our VHF Conferences. Despite the distance, he made the effort to join us periodically for those events. I purchased one of his 70A Astron supplies for my station. Our condolences to the family. **Rick K1DS**

I'm really sorry to hear about Ken. He called me on the phone, recently, for some advice on working EME on 2 meters. He sounded just fine at the time, just this past fall. Of course I met him, a few times, at the various ham fests and such. It was always great to work him on 2 meter SSB during the contests – and he was always there. I just ran down to the shack and got this pin that he gave me many years ago. I'm sure many of the rats have the same pin somewhere. RIP Ken & 73 from **Russ K2TXB**



SM4IVE EME QRT

Too much snow and wind killed the dish today. It lasted 11 years. Lars SM4IVE [Forwarded to Cheese Bits by K2UYH]

This is (was) a 13 Meter (42.5 foot) dish. All hand made, not a commercial product. A fine and inspiring photo essay on how it was fabricated can be found at http://sm4ive.com/dish.htm

Hi Jim,

I couldn't make it last night because my antennas are iced up and frozen in place. See the attached picture of the UHF antennas. My radios sound dead as if no antennas are connected. I should have sent you a note last night but didn't think of it. Brain's frozen as well.

Great work on generating activity on otherwise dead bands! Thanks!

73, --Alex KR1ST



Some Observations on Hybrid Meetings

Hybrid meetings are an endangered species. Many of you have, for a multitude of reasons, chosen to log into the meeting first on WebEx through the generosity of Ken, K2WB and recently via the PACKRATS own ZOOM account. Through the effort of Bruce WA3YUE we have had ever improving connections to the home viewer from our live venue.

While Bruce has been quite willing to supply the linking, audio and video equipment, he cannot assure us of regular attendance at the Ben Wilson Senior Activity Center to setup and operate. We have made announcements at most meetings that we need to have a **team** of members who will work with Bruce to learn the operation of the system and see to it being returned to storage after the meeting. The transport of the system to and from the meetings is not an issue, but not having a team of willing and trained operators will prevent the hybrid meetings from occurring on a regular basis.

There may still be times when we choose to have a virtual only meeting; however, for most of our meetings we will, local restrictions permitting, continue to have "in-person" gatherings on a regular basis with or without a hybrid support team.

On a more positive note: The next 2 meetings are planned as Hybrid meetings but are much more fun as live events. In January we had the annual January VHF Contest wrap-up "CRYING TOWEL" and in February we had HOMEBREW NIGHT which is the ultimate show and tell event so being there in person, was the best course for those.

For the future, if we cannot get a team together to help with the hybrid format, the meetings may not have a hybrid connection. It is up to **you**, the membership, to make the decision.

If you are willing to become part of the team to help with hybrid meetings please let me know as soon as possible. Doc **W3GAD**

A Brief Report from Orlando Hamcation

While the flea market spaces I marked out were under the Florida Weak Signal Society, everybody in the row are active microwave guys that I worked up through 10 GHz. I started calling our area "Microwave Skid Row". We had all the usual suspects, Dick Frey, Tony Emanuel, AI Ward, Steve and Sandra (DEMI), Buzz, Chuck Hoover, and Mark Casey. Quite an impressive line up! With a LOT of good stuff/junk for sale! Warren WB2ONA

Relocating 3 GHz Beacon In Florida

Here are some thoughts on how the folks in the Florida Weak Signal Society may be finding spots for their 3 GHz beacon after the takeover of 3.45 by 5G cell operators. May be useful to consider here in PA/NJ.

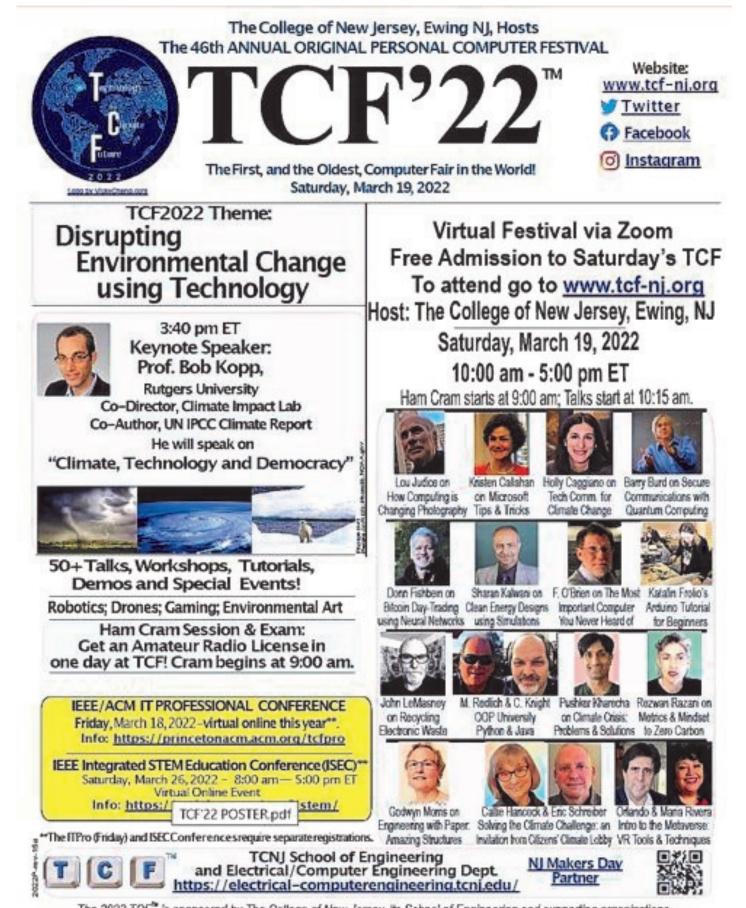
[Opinion by Steve N2CEI. Sent to Cheese Bits by Warren WB2ONA]

The ARRL "Sugested" band plan is listed on the ARRL website but --- though it may be a good idea for a busy band such as 20M, its not very realistic for the 9CM band.

The 15 or so EME operators in the USA on the band stated that they do not require the 300 kHz "Buffer Zone" to conduct their QSO's. This means, if we as a weak signal group were to utilize 3400.100 as our watering hole and QSY up, there would be no reason for concern in interfering with anyone on that band. The reality of 9CM is two QSO's could be conducted on the same frequency with the directivity of our antennas at the power levels we use with interference.

So-- to put a beacon up above .400 for our use of checking our equipment, band conditions and direction calibration would be over kill for the few of us that are on the band. (5 stations?) I'm good for a 3400.150 MHz or there abouts beacon as soon as we can get one going. There are no rules saying we cannot operate on 3400.100 today so-- lets get there.

Steve N2CEI



The 2022 TCF" is sponsored by The College of New Jersey, its School of Engineering and supporting organizations.

The Wayback Machine In CHEESE BITS, 50 Years Ago

Nibbles from March1972. Vol. XV Nr 3 de K3IUV Bert (*author's comments in italics*)

"Our Prez Sez". Prez Don, W3CJU (the Jeweler of Doylestown) noted that the June QSO party would only be 3 months away when members were reading this edition. The contest chair, Chuck,
WA3LNH, has band chairmen set and is expecting full participation by the members. (Same thing we do now.) Don thanked Walt, K3BPP for organizing a great homebrew night. Those present received a sample of the Homebrew wine prepared by Lee, K3MXM!

- **Technical Article. 220 Gamma Match**. A nice article written by Tony, K1SFF (later W3HMU) gave dimensions and construction details for the gamma match he was using for the past four years. He reports good performance, and gave details on the adjustment process. Scalable to other bands.
- Membership. Visitors at the last meeting including W3MVH, WA3HOW, WA3FIR, WA3MIX, WA3ERQ and K3OZB.

New Products of Interest to HAMS. From Lynn, W3NSI. 1) Broadband amplifiers from Radiation Devices Co. Several models available, and one of interest to Hams is the BBA-1 which provides a minimum gain of 10-dB from 3 – 500 MHz. Operates on 12 vdc, priced at \$30. (*"Bricks" of this type were just starting to get popular*.) 2) Series Voltage Regulators at reasonable prices from Powertec, Inc. 90- and 180-watt power ratings are available. Voltage ratings are 4.5 - 6.5, 11.5 - 15.6 and 17.5-24.5 vdc. Prices are: 90 watt - \$15; 180 watt- \$22 (*12 cents per watt*!). 3) Twometer vertical gain antenna. From An-Tek industries. Will be of interest to FM operators. The unit can handle 500watts, features a bandwidth of 3-MHz and can be mounted on a ³/₄" pipe. Price \$60.

- **Calendar**. March 15, regular meeting, topic Amateur Television night. Presenter will be active ATV'er Ron. **K3ZKO**. In addition, a 15-minute auction of "well worth while" items will be held, the silent auction will be open, and Mario's "famous" raffle will take place. April 19, regular meeting, topic to be FM operation. Speaker will be Ed, W3HKZ, Chief Engineer at WCAU-TV. May 6, Ladies Night at the Buck Hotel in Feasterville. August 13, Packrat Picnic at Ft Washington State Park, and October 1, a Packrat sponsored Flea Market in Jamison, PA (This was the start of our Hamarama days.)
- **TVI Issue.** An interesting article written by El, **K3JJZ**. He provided the details of a complaint filed in Common Pleas court of Philadelphia against "one of our members." The list is more than 1-1/2 pages long. The specifics (*assuming they were all true*) are horrific. El did not identify the member involved. I assume more details will follow in the next months. (*You may want to read the full details as posted in our web site copy*.)
- New Net. The Packrats have started a new net on Friday nights, at 7 pm. An ATV net will be operated by Ron, K3ZKO and Ron, WA3AXV (now W3RJW). Video and audio are

March 2022

transmitted on 439.250 MHz. In addition, both 50.2 and 146.58 are monitored for those who can now receive ATV but are not yet able to transmit.

Swap Shoppe. By W3ZRR. (Always nostalgia. Now we use the club reflector.) For sale by Bill Murphy, K3ZSG, an R48 with preamp (converted) (this was the rig most of us used for the club 220 intercom). From Dave, W3ZD, a Collins 75A1 with SSB slicer, mint condition, make offer. From Doc, KGAS, a Heathkit HW-32A (6-meter) with separate power supply, Ameco converter, relays and a dual 6146 amplifier, all for \$110. From Harry, WA3NGK (later W3IIT)), a Heath Sixer, extra crystals included, \$25.

Ads. The March 72 issue again included 30 business card size ads, plus the half page back cover ad from club member Ham Buerger (an Astatic D104 mike for \$25). I note the current Cheese Bits Ad complement includes only 4 small ads, a ¼ page from Beko and a ½ page from Down East. If you'd like to join them currently, contact the ad chairman, Bob, **W2SJ**.

Miscellany. Postage for this issue was a single 8-cent Eisenhower stamp. (5 double sided, 8-1/2 x 11" sheets). As usual, many "folksy" comments about members, their families, and activities were included in this edition of Cheese Bits. If interested, or for more detail on any of the above items, visit our website (www.W3CCX.COM) and read the full issue scanned by K3IUV (me), and posted on the website by W3SO, our webmaster. I have also posted the club Officers history, club Membership history, and Packrat Inventory (updated frequently) on the **W3CCX** website. These files are password protected, and only accessible to registered members. Have you registered? I hope you enjoyed reading these bits of nostalgia as much as I did in writing the article. If yes, you might let me know. Thanks to those that did.



thirty, de **K3IUV** (comments or corrections to: **K3IUV@ARRL.net**)

Ancient Solar Storm

Scientists discovered evidence of a monster solar storm that occurred over 9000 years ago. And it happened off the peak of the sunspot cycle. If such a storm were to occur today, it would put in jeopardy communications and delivery of electricity. How did they discover this monster storm and what else needs to be learned. If you're interested, check out https:// www.livescience.com/ancient-solar-storm-

solar-minimum —W2BVH

Packrats in the February QST

p72 K1JT sharing Wortley-Talbot Trophy with G4WJS for outstanding experimental work in amateur radio
p76 K1RZ #9 in 10GHz & up contest
p77 W3HMS, K1RZ, N3RG Call area leaders in 10GHz/10GHz& up
p79 K1RZ, K0BAK/R, K3TUF, N3NGE, K1DS/R,

K1TEO, Regional Winners 222MHz & Up Distance Contest

p79 K1TEO, K1RZ, K3TUF, N2NGE, NN3Q/R, K1DS/ R Top ten scores 222MHz & Up Distance Contest p79 Mt. Airy VHF Radio Club 556K points with 14 entries #1 club 222MHz & Up Distance Contest Sent to Cheese Bits by K1DS

Events

For inclusion, please direct event notices to the editor.

QSO Today Virtual Ham Expo -Convention-

March 12-13,2022. A well attended zoom based conference with parallel tracks of presentations. Dozens of presentations on all aspects of Ham Radio. See <u>https://www.qsotodayhamexpo.com</u> for details and registration.

TCF '22 Computer Festival - Saturday March 19, 2022. The first and oldest computer fair in the world. See the flyer on p. 11 of this months Cheese Bits for details or register in advance at www.tcf-nj.org.

2M Spring Sprint -Contest– Monday April 11, 2022, See https://sites.google.com/site/ springvhfupsprints/home/2022-information for details.

222 MHz Spring Sprint -Contest– Tuesday April 19, 2022, See https://sites.google.com/site/ springvhfupsprints/home/2022-information for details.

432 MHz Spring Sprint -Contest– Wednesday April 27, 2022, See https://sites.google.com/site/ springvhfupsprints/home/2022-information for details.

Warminster ARC - Hamfest– Sunday May 1, 2022. Bristol PA. Includes ARRL EPA Convention. See <u>http://www.k3dn.org/hamfest/</u> for details.

Microwave Spring Sprint -Contest– Saturday May 7, 2022, See https://sites.google.com/site/ springvhfupsprints/home/2022-information for details.

6M Spring Sprint -Contest– Saturday/Sunday May 14-15, 2022 (2300Z—0300Z) See https:// sites.google.com/site/springvhfupsprints/home/2022 -information for details.

June VHF Contest - Contest - June 11-13, 2022. . See http://www.arrl.org/june-vhf for rules and details. **Firecracker - Hamfest -** July 2, 2022. Sponsored by HRAC. Harrisburg PA. Details at: http://www.w3uu.org/firecracker/

Murgas ARC - Hamfest - July 3, 2022. Plains PA. See <u>http://hamfest.murgasarc.org</u> for details.

222 and Up Contest - Contest - August 6–7, 2022. Details to follow.

10 GHz and Up Contest (Round 1) - Contest -August 20 –21, 2022. Details to follow.

September VHF Contest - Contest - September 10-12, 2022. Details to follow.

KC3BVL Friday Net

Lately Packrat Jim KC3BVL has been conducting a Friday night net with schedule as follows:

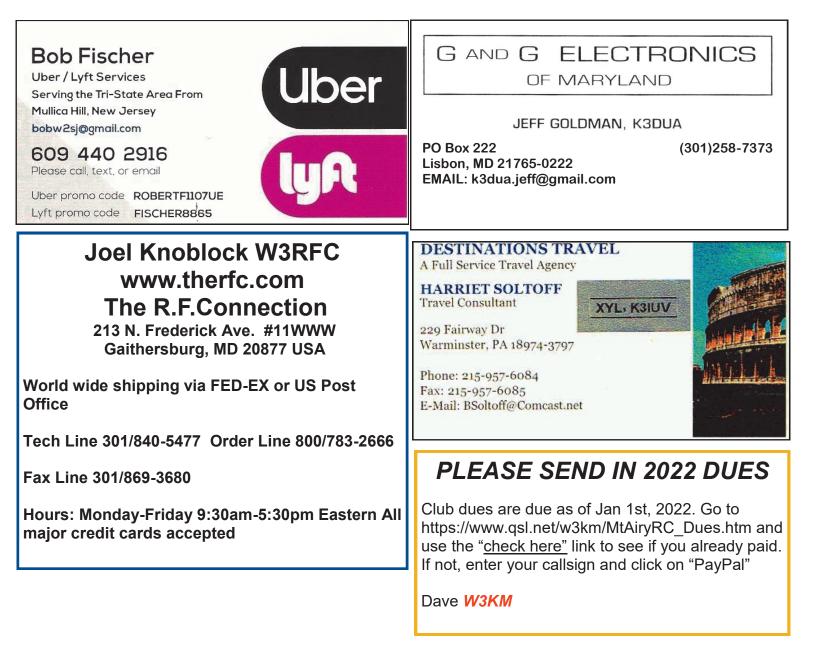
7:30 pm	144.160
8 pm	50.160
8:30 pm	222.150
8:45 pm	1296.160
9 pm	432.160
9:15 pm	1296.160

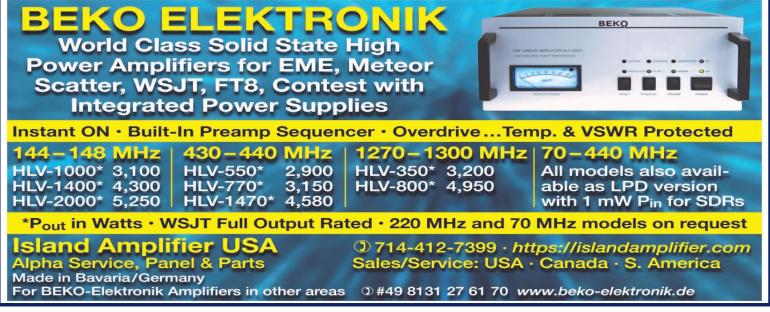
Reminder: there are 3 FT8 VHF / UHF Activity Contests each month. For info see: http://www.ft8activity.eu/index.php/ en/

For those interested in an online "Contest Only" event calendar for VHF+, see https://www.qsl.net/ n2sln/contestcalendar.html

222 MHz Activity Night

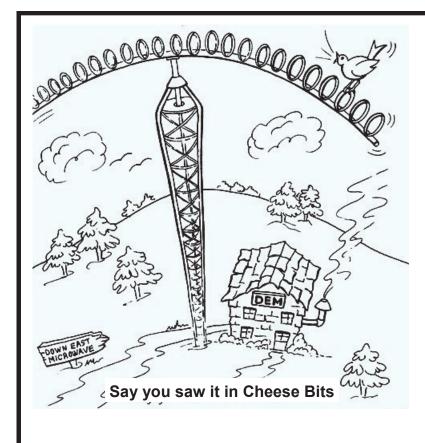
There's been an informal 222 activity night in the Northeast (and beyond) every Tuesday night starting around 7 pm (or so) Eastern Time. ON4KST is being used by some to coordinate Q's when direct CQ's are weak. —W2BVH





Cheese Bits

Cheese Bits 709 Lincoln Avenue Cranford NJ 07016	eting otice
	TO:
	VHF RADIO CLUB, INC.



DOWN EAST MICROWAVE

Manufacturers and Distributors Of VHF/UHF/SHF Equipment and Parts 50 to 10,368 MHz

- No-Tune Linear Transverters
- Linear Power Amplifiers
- Low Noise Preamps
- Coax Relays, Coax Cable, Connectors
- Crystals, Chip Capacitors, MMICs, Transistors, RF Modules

For All Equipment Steve Kostro, N2CEI

http://www.downeastmicrowave.com

19519 78th Ter. Live Oak FL 32060 Tel. 386-364-5529 (Voice)

March 2022