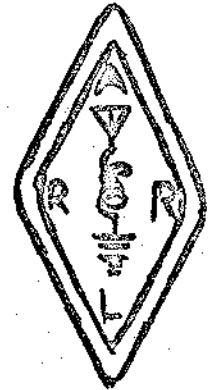


PACK RATS'



CHEESE BITS



CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

(50.2, 145.2, 221.4, 432.03 & 1296.3 MC)

AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

MEETINGS: THIRD WEDNESDAY OF EACH MONTH AT 8:00 P.M.

VOLUME V

JUNE, 1971

NUMBER 6

THE PREZ SEZ

Nominations have been made for the coming year and the slate as proposed is listed elsewhere in this issue of Cheese Bits. As we go to press, our printer, WA2KOI, is on the mend and coming along nicely. The operation was successful and we should be back to our offset printing by the next issue.

It was with great pleasure that I accepted the gavel presented at the May meeting by WA2INQ, Bill Dunkerly, who was our ARRL speaker of the evening.

Both Bill and our Atlantic Division Director W3EPC, Connie Mac were presented with Pack Rat pins. This will be the last issue of Cheese Bits prior to June QSO Party. What are you doing to help? ? ?

73,
K3JJZ, E1

NOMINATIONS FOR OFFICERS 1971-72

President	W3CJU, Don Hampton
Vice-President	K3BPP, Walt Bohlman
Corres. Secy.	W3SAO, Frankie Brick
Recording Secy.	WA3BIV, Carl Barish
Treasurer	K3GAS, Doc Cutler

CONTINUED ON PAGE 10

DEADLINE FOR ARTICLES IS THE GENERAL MEMBERSHIP MEETING.

EDITOR:

K3JJZ, ELLIOTT WEISMAN, ARNS
8533 ALGON AVENUE
PHILADELPHIA, PA. 19152
215 - PI 2-3525

TRUSTEE OF CLUB CALL: W3CCX

W3SAO, FRANCIS BRICK
821 W. LINDLEY AVENUE
PHILADELPHIA, PA. 19141
215 - DA 4-7524

PUBLISHER AND SUBSCRIPTION MANAGER:

K3GAS, DOC CUTLER
7815 NEW SECOND STREET
ELKINS PARK, PA. 19117
215 - ME 5-1078

PRINTER:

WA2KOI, LLOYD SCHOENIG
207 WOODLAWN AVENUE
COLLINGS LAKE, N.J. 08094

AWARDS CHAIRMAN:

W2EIF, JOSEPH KILGORE
#5 SYNNEYBROOK COURT
STRATFORD, N.J. 08084

DIRECTORS' MEETINGS ARE HELD ON THE SECOND WEDNESDAY OF EACH MONTH AT DESIGNATED LOCATIONS.

MONDAY NIGHT NETS:

145.2 - 7:30 P.M.
50.2 - 8:30 P.M.
221.4 - 9:00 P.M.
432.03 - 9:30 P.M.
1296.1 - 10:00 P.M.

OFFICERS - 1970-1971

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VICE-PRES.: W3CJU, DONALD HAMPTON
TREASURER: K3GAS, DOC CUTLER
CORRES. SEC.: W3SAO, FRANCIS BRICK
REC. SEC.: WA3BIV, CARL BARISH

DIRECTORS:

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K3MXM, LEE COHEN
WA3LNH, CHARLES BENAVIDES
K3UJD, MARIO FONTANA
K3BPP, WALTER BOHLMAN
K3CIV, RALPH HERSH
(Ex-Officio)

PACK RATS' CHEESE BITS is a publication of the Mt. Airy V.H.F. Radio Club, Inc., Philadelphia, Pa., and is published monthly.

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We operate on an exchange basis with other publications and anything that is printed in CHEESE BITS may be reprinted, unless so stated, as long as the proper credit is given.

Did you know that WB2SZK, Randy Bynum and Della Tinnex will be married on June 19th at the Stratford Methodist Church, 4:15 P.M.

The East Coast VHF SSB Association will have a dinner meeting October 9th at the Buck Hotel. Cocktails 2:00 - 5:00 P.M. All are invited.

MEMBERSHIP

New Member:

WA3DJF, Carl P. Mattiace
7317 Ryers Avenue
Philadelphia, Pa. 19111

Resigned:

K3DUW, Alan Goodman
WA3ERQ, John Gallagher

CORRECTION

K3GOZ, Herman Klein retired membership status instead of regular member as previously indicated.

LADIES' NIGHT, MAY 8, 1971
REPORTED BY MOTHER RAT

The weather was as ordered, rain, a typical Pack Rat evening. You know, not heavy, but just enough to make it miserable. Who cares! It wasn't miserable inside the Buck Hotel where ninety-nine people gathered for an evening of fellowship and fun. Just think, had you been there the magic number would have been one hundred.

Each lady was given a corsage of pink carnations in honor of Mother's Day and also a beautiful bracelet of stones from different countries as a souvenir.

The meal centered around Prime Rib Roast of Beef prepared as only the Buck Hotel can.

John Tate, K3KTY, had each ham introduce himself and his XYL, or YL and the guests at their table.

This was not only Ladies' Night but was also the 15th Birthday Party of the Pack Rats. The life story in pictures and awards was on display in 2 volumes prepared by Frankie, W3SAO along with the gavels won in the January V.H.F. Sweepstakes for the last ten years.

Harry, W3CL, brought along the large trophy that they won a few years back from a club in New York.

Len, K3MXM, made up a display of QSL Cards with pictures of the members which was hanging on the wall.

El, K3JJZ, the "Prez" thanked all of the ladies for being so generous in sharing their men for club activities. He then presented the awards for the High Scores in the January V.H.F. Sweepstakes. Each member with a score of 10,000 or over received a beautiful hand engraved, Pack Rat tie tack or lapel button (whichever way you want to wear it.) The top score plaque went to Stan, K3IPM.

Then came the results of the "confusion-in-committee". The awards committee members sat and "thank" and scratched their heads to find a Pack Rat of the Year. The harder they "thank and scratched" the harder it became. They just couldn't find "one". Don't get excited! Instead of one they found two. Ernie, W3KKN and Bert, K3IUV. Now that sounds like a nice clear out job and their troubles were over. Oh yeah! In going through the membership, they found someone else, but not for the year. They "thank and scratched" again for a different reason. The question, "What's the word for fifteen years?" They "thank and thank, and scratched and scratched" and no could find, so they settled for ten years. They knew that word was decade. The "Pack Rat of the Decade" turned out to be

LADIES' NIGHT MAY 8, 1971
CONTINUED FROM PAGE 3

Frankie, W3SAO. You should have seen the looks on the faces of Frankie and Mother Rat.

Following the dinner there was dancing to the music of Larry Salkin until the "Cinderella Hour," at which time we faded slowly into the mist and wended our way home.

* * * * *

A complete schedule of W1AW code practice and times is available from ARRL - 225 Main Street, Newington, Conn. 06111 plus a run-down of League publications is available for a self-addressed stamped envelope. Ask for CD-9(R-171). Also ask for the ARRL Safety Code - CD-84(R369). No cost but the stamp!

CONGRATULATIONS to Ben Ginsburg, WA3JSR, who passed his extra class license!

* * * * *

CALENDAR OF COMING EVENTS
Syllabus by Lee, K3MXM

June 9 Board of Director Meeting - QTH - W3CL- Harry Stein,
2087 Parkdale Avenue, Glenside, Pennsylvania

Directors and interested parties invited. See the new antenna farm and buried cables! ! !

June 12-13 June QSO Party - Hilltown, Pennsylvania (ROUTE #152)

Help is needed Friday afternoon and evening to set the towers and arrange the assorted equipment. Also, W2EIF, Joe, is seeking help on the truck detail. If you have free time, contact K3ZSG, Bill and offer your services.

MOST IMPORTANT - Be sure to contact W3CCX/3 on all your available bands. Every contact counts and this year we are going to W I N - with all your help!!!

CALENDAR OF COMING EVENTS

CONTINUED FROM PAGE 4

- June 16 General Club Meeting - West Oak Lane Jewish Community Center, Thouron and Sedgwick Streets, Philadelphia, Pa., 8:00 P.M.
- Election Nite - make your voice and vote count. Be sure to attend.
- Guest Speaker - Mr. Robert Haviland, W3MR, will talk about the forthcoming ITU Convention in Geneva and on International Radio Regulations.
- June 26-27 ARRL - Field Day. Show the HF clubs that the VHF bands are alive and active. There are plenty of contacts to be made and this time of year skip is in so maybe DX will be there.
- July 21 First Outdoor Meeting of the Year - QTH - WA3EPS, Mort Mazer. WHITE ELEPHANT SALE
- August 8 PACK RAT PICNIC - Fort Washington State Park, Flourtown, Pennsylvania. Bigger and better each year and this year will be the best. Make your plans now!
- August 18 Second Outdoor Meeting, QTH - K3IUV, Bert Soltoff. Movie and slide nite!
- September 15 PACK RAT AUCTION - QTH - W3ZD, Dave Zimmerman.

HAMFEST DATES

- September 12 South Jersey Radio Club - Malaga, New Jersey
- October 24 Gaithersburg.

HILLTOWN 1971 PROGRESS REPORT

REPORTED BY BILL MURPHY, K3ZSG
Coordinator VHF QSO Party

June 12 and 13, 1971, are steadily approaching and with it the V.H.F. Q.S.O. Party. This is the Club's only field day type outing and is considered to be the major event of the year.

As we all now know last year we came very close to taking top honors in the country, missing only by a few hundred points. This is the year; as has been pointed out by our President, K3JJZ to try for a clean sweep. With the January contest under our belts, we have only one more to go.

So that we may achieve our goal it was necessary to slightly modify our contest approach on 6 and 2 meters. Hopefully, equipment failure will now have little or no effect on contact production on these bands.

For the past several months various group Chairmen have lined up all the equipment and laid the plans for this years venture.

Now it is up to you. Get in touch with your group Chairman and let him know what you can do to help. Whether it be operating or logging; to keeping bugs out of our K W Amps., even the trifles are important. We must have total Club participation in order to be successful. "The least any of us can do for the Club is to get on the air at you or a friend's Q.T.H. and give the Club a contest point."

Don't wait, if you have not already contacted the Chairman of the group or groups you wish to help out, do it now.

The following is a list of Chairmen for the June Q.S.O. party:

<u>BAND</u>	<u>NAME</u>	<u>CALL</u>	<u>HOME PHONE</u>
6 meters	Ron Whitsel	WA3AXV	335-5730
2 meters	Dave Zimmerman	W3ZD	675-4539
220 Mhz.	Joe Kilgore	W2EIF	609-783-9478
432 Mhz.	Don Hampton	W3CJU	348-8969
1296 Mhz.	Bert Soltoff	K3IUV	947-4483
2300 Mhz.	Mario Fontana	K3UJD	675-3984

Come on out to Hilltown; bring your friends and let them see the top Club in the country in action. There will also be the slight added attraction of a Horse Show. Remember now, June 12 and 13, 1971 in Hilltown, Pa., the June Q.S.O. Party. Let's all pitch in to make the Pack Rats No. 1 in this year of 1971. S.O.S. We are in need of a few hardy souls to volunteer their services on Friday, June 11, 1971, to assist in the erection of antenna installations at Hilltown. This is essential to get the contest off to a good start. Please contact your individual group Chairman if you are available.

STATE OF THE AREC REPORT
 REPORTED BY PAUL J. RILLING, SA3HIT/WA3OSS

The year 1970 was a very good year for Philadelphia County AREC. This fact came to life during the recent simulated emergency test held January 30-31. The purpose of this report is twofold:

- (1) To show how we have grown in 1970, and
- (2) To give the results of the 1971 SET as compared with 1970.

The 1971 figures are as of January 31, 1971. The 1970 figures are as of January 31, 1970.

At the present time (January 31st) we have 54 members in the Philadelphia Amateur Radio Emergency Corps (AREC). This is up 6 from 1970 (we had 48 this time last year). We have 32 full members and 22 limited members as compared to 28 full and 20 limited last year. There is one novice in AREC, he is WN3NYX. Last year we had one novice in AREC. He was WN3MIB. There were 20 technicians as of January 31st. Last year we had 15. Six stations have emergency power at their home stations (not mobile or portable), as compared to 8 last year. Where are the other two? A breakdown by bands is as follows:

(Includes all stations)

<u>Band</u>	<u>1971</u>	<u>1970</u>
160 meters	4	42
80 meters CW	17	16
75 meters phone	16	17
40 meters CW	19	18
40 meters phone	17	16
20 meters	15	14
15 meters	6	5
10 meters	16	15
6 meters	30	26
2 meters	22	17
220 Mhz	10	6

At the present time we have 10 mobiles in the Philadelphia as compared to three last year. The breakdown by bands is as follows:

<u>Band</u>	<u>1971</u>	<u>1970</u>
160 meters	0	0
80 meters	1	2
40 meters	1	0
10 meters	1	2
6 meters	7	1
2 meters	4	0

As one can see, six meters shows the most activity with two meters a close second. I am very pleased to see all the stations interested in two meters who are in the Philadelphia AREC. One of my activities when I took up the EC post on August 1, 1969, was to build up AREC activity on 6 and 2 meters. One of our slogans was "Six meters is where it's at". This has paid off immensely. Yet, according

Continued on Page 8

STATE OF THE AREC REPORT

CONTINUED FROM PAGE 7

to our net control station, WA3NVO, the check ins to our weekly nets average about five. We should have at least three times as many. To those of you who have checked in, keep up the good work. To those of you who have not, the net meets every Thursday at 8:30 p.m. at 50.7 Mhz. Listen for WA3NVO, WA3FOF, or WA3IFL. In 1970, we had 10 members who could copy code at 20 WPM or faster. We dropped to seven in this capacity by January 30, 1971.

On January 30-31, 1971, the annual Simulated Emergency Test was held. For the second straight year, the Philadelphia AREC took part. We had three nets on January 31st. The two meter net was under the net control of WA3FOF. He had a QNI of 6 and QTC of 4. The two six meter nets were under the net control of WA3IFL. I was supposed to be net control on six, but had to back out at the last minute due to a severe head cold. There was a QNI of 7 and QTC of 7 in the first six meter net. An hour later, another net was held. This time we had a QNI of 13 and QTC of 5. This was very good considering we were competing with the liftoff of Apollo 14. Overall there were 15 hams who took part in our three nets. There was one less than last year. Last year we had two nets (one on each band). Ten stations sent traffic to this station. Last year I received 16 messages. As usual, I sent a message to ARRL Headquarters. We had 5 self-powered portables and mobiles in our drill. Last year we couldn't even drag out one mobile. The number of fixed stations using emergency power were 6. Last year it was 10. One message was sent to Ellwyn Institute, which we served during the drill. Thus, we were able to claim 155 points as compared to 147 last year. The stations who participated in this year's drill were:

WA3HIT, WA3OSS/3, WA3NVO, WA3NYZ, K3IUB/3, WA3FOF, WA3NAY/3
WA3LUA, WA3MTB, K3GOZ, WA3IFL, WA3JUF, WA3MMT/3, WA3ISB, W3ISX/3.

Where were the Pack Rats?

Many programs are in store for the immediate future. We are in the process of rebuilding the six meter net.

After this, we hope to start a two meter net since there are a lot of our members who have two meter equipment. Eventually, we will start a ten meter net for those persons with low band equipment. We also plan to hold drills in conjunction with Civil Defense such as the one held on October 21, 1969. We also plan to hold unannounced drills at 50.7 Mhz.

As for the frequency itself, we plan to have a 24 hour monitoring service by volunteers in AREC. They would pass on any information a ham would need such as weather, sports scores, road conditions, news headlines (not too much news since most news can be received on commercial broadcast TV and radio). The way one would activate this system would be "CQ Monitor. This is (call). I would like to know the (type of information desired)." The monitor on duty will answer.

Continued on Page 11

SWAP SHOP

CONDUCTED BY: W3ZRR, Ray Whitehead
7329 Shelborne Street
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FOR SALE:
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converter and preamp, matching speaker,
headphones, with manuals. Very Clean.
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with cables and manuals.
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FOR TRADE OR SALE:
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NEW PRODUCTS OF INTEREST TO HAMS

1. Pagel Electronics - Electronic Frequency Counter

Two models of this 5 digit unit are available - one covers 10 Hz to 30 Mhz and includes provisions for AC or DC operation, measures frequency, period, and ratio. It has scaler and marker outputs, external standard input. A 1 Mhz crystal oscillator is used as the time base and it is adjustable to WWV. (model 5-30)

The model 5-60 is similar to the unit above except it measures frequency only and is good to 60 Mhz.

Either unit weighs 5 pounds and measures 9 1/2 wide, 4 1/2 high, and 8 deep. Price either unit \$295. 6742-c Tampa Avenue, Reseda, Calif.

2. Vanguard Labs 196 Jamaica Ave. Hollis, N.Y. 11423

VHF FM Monitor Receiver FMR 150A \$89.50 with one crystal. This unit covers from 135 Mhz to 175 Mhz with four crystal controlled channels in any 6 Mhz spread. It features .2 Microvolt sensitivity, built in squelch, and all solid state, operated from 12 VDC, and is only 7 x 6 x 13/8 inches.

3. Heath Company will introduce a pre-scaler to go with their IB 101 Frequency Counter. Cost will be about \$100 and it is scheduled for next month (May as of this writing). This will allow one to use the IB 101 to measure frequencies up to over 175 Mhz.

W3NSI, Lyn Rowland

NOMINATIONS FOR OFFICERS 1971-72

CONTINUED FROM PAGE 1

Board of Directors (two to be elected for a two year term):

W3AJF	Horace Deacon
WA3AXV	Ron Whitsel
W3FQD	Dick Huntzinger
W3YXF	Joe Rushton
W2EIF	Jo Kilgore
WA2KOI	Lloyd Shoenig

Elections will be held at the June meeting. Additional nominations may be made from the floor up until that time. You must obtain an individual's consent before nominating him for office.

NOTICE: DUE TO THE UNFORTUNATE ILLNESS OF OUR PRINTER K3ZEN, ALIAS, WA2KOI, ALIAS FAT RAT, THERE ARE NO BUSINESS CARDS PRINTED IN THIS ISSUE. ADVERTISERS WILL NOT BE BILLED UNTIL THE PERIOD JULY, AUGUST, SEPTEMBER, AT WHICH TIME WE EXPECT TO BE BACK TO NORMAL. -10-



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Another job of the monitor will be to keep the frequency clear of stray QSO's. Thus, in time our service will be the equivalent of E.C.A.R.S. and W.C.A.R.S. on the low bands.

At the present time, we have two Assistants - WA3FOF, and WA3NVO. We hope to add others to this post. For more information about the Philadelphia AREC listen to the Pack Rat nets and check in to ours.

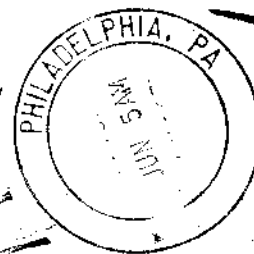
* * * * *

AMATEUR RADIO NEWS SERVICE BULLETIN

PETITIONS AWAITING FCC ACTION AS OF APRIL 15, 1971
Stolen outright from the ARRL (with some abbreviations by us).

RM No.	Date	By	
968	3/66	San Diego County	Use of other than 200 Mc to remotely control RACES stns.
1016?	6/66	?	Tech operate on Novice w/cw
1116	3/67	Calif CD	RACES Rules, control non-hams
1346	8/68	K3MGO/K3MNI	Senior Citizens Licensees
1363	10/68	K2RZO	"Advanced" Technician License
1429	3/69	WA8DCE	Permit F-4 at 144 MHz
1454	5/69	K1KTB	Allow Techs CW 80 - 10 mtrs
1455	5/69	W2NSD	Counterpart call-signs
1456	5/69	W2NSD	Techs same privileges as Nov.
1478	4/69	W6PQH	40F2 by RACES on 144/220
1516	10/69	WA5FNR	Tech privileges on 21 Nov band
1520	9/69	W3KMV	CW/Phone segments, 6 mtr Adv
1521	10/69	K1RKL	Technician CW privileges
1526	10/69	W3BWU	Tech privileges, 10 meters
1535	11/69	ARRL	Tech, 29.5-29.7 & 144-148 MHz Dual holding, Novice & Tech
1536	11/69	ARRL	Counterpart call signs
1542	12/69	K6MVH	New repeater rules
1568	2/70	W8WEF	Novice privileges for Techs.
1572	2/70	?	Provide new class, Tech 1st cl.
1597	4/70	ARRL	1 x 3 call signs for new Extras
1602	4/70	WB4OBZ	Novice privileges for Techs
1604	4/70	WB6UTC/WB4NQA	Change ID rules for short QSO's
1615	3/70	W6JJ	Limit Cond to 1 yr; no new Techs Create Intermediate (Communicator) licenses.
1629	5/70	W7ELN	Military exam in Germany
1631	5/70	WA1CYT	Provide discuss political and other controversial subjects in amateur bands
1633	5/70	W2NSD	Hobby Class on 220 MHz, 5 kHz FM, 100 watts, mail exam
1646	4/70	WA3JHB	In part: 1 x 3 calls for Extras
1655	3/70	W3BQN	Allow commercial credit of the 25 year stint for 2-letter calls
1656	6/70	W6ODX	Minimum age for hams, move CB to the 220 MHz band.
1658	7/70	Paul Williams	Extra Grandfather clause to 12/1941
1677	8/70	WA2GGX	1 x 3 calls for new Extra
1687	9/70	EIA	Add new (b) to 97.39 re eyebank
1703	10/70	K3EUJ	Call ltrs of SK to family member
1711	11/70	W1FK/W1KVP	No DSB below 32 MHz
1724	12/70	WA2LRO	General code to 10 wpm; Techs Nov privileges; Nov A3 on 145
1725	12/70	K6MVH	Re: repeater rules
1747	2/71	EIA	CB on 220-222 MHz
1748	2/71	WA6GLD	Expand Voice bands
1771	3/71	W3EWI	Certificates on imports
1776	5/71	WB2EZZ	New license above Extra

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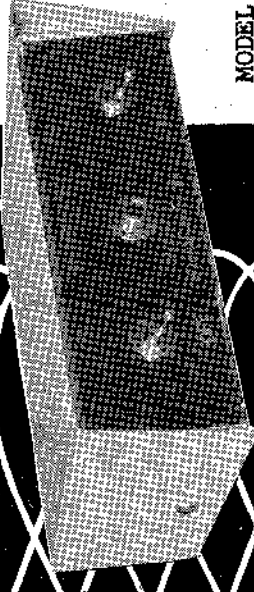
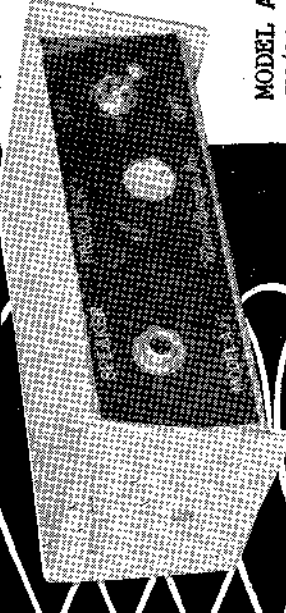
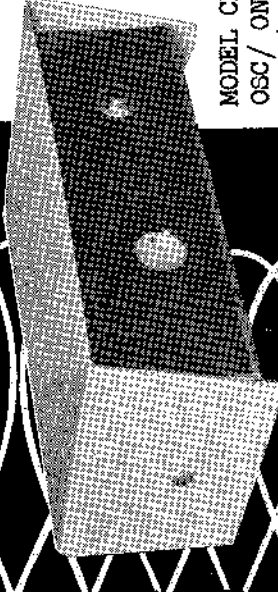
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