

The Contest JUG



Newsletter of the NORTHERN CALIFORNIA CONTEST CLUB
3130 Raleigh Court
Fremont, California 94536

You Lose Some of
the Time What You
Go After, But You Lose All of
the Time What You Don't Go After

No. 62
July, 1977

Pres.: N6BT. VP/Contest Chmn.: WB6LPK. Sec/Treas: W6MSF. Jug Editor: WA6VEF.
Directors: N6RO, N6VV, K6ZM. By-laws Chairman: W6RGG. Asst. Editor: WB6DSV.
Contest Directors: WA6DGX, WA6JUD.

HAVE YOU PAID YOUR DUES YET ??

PRESIDENTIAL RAMBLINGS

Heavens--it's already July. Hope all of you enjoyed your respective Field Day activities and the first-ever IARU Radio-sport. The NCCC also had a virgin contest in June--our Maxi-Test. If you missed it, be sure to get into one soon (like the one just passed on July 12th).

Our last meeting, which was held at my place, came complete with some auto/truck type QRM for our main speaker, Merle, K6DC. Merle has been with Eimac for many years and is an expert in, at least, the field of power tubes. You may have seen an article or two by him in a favorite publication. The most interesting comments for myself were that ratings for tubes are only typical values and that the tube in use may or may not be able to take the rated grid current. Merle then explained how to make the determination yourself on grid current for the particular tube in service. Hand-outs were also provided along with other Eimac literature. Carl, W6MSF, also provided a hand-out for beam headings centered on SF to the world.

Bill Zachary, N6OP, beat me to the punch with a letter answering many recent "digs" and inuendos levied at the NCCC, NCDXCC, and sometimes Northern California in general. These have been made by a number of people who represent groups such as the ARRL and PVRG, even though the signatures have been their own. It was felt that the club should "answer" these cheap shots by simply stating our position in terms that could be easily understood. Bill's letter was accepted as at least a basis for the NCCC letter which will be sent to the appropriate entities such as the NCJ and QST. It was noted that the NCCC must be a contesting powerhouse (thanks to it's superior membership)--after all, one doesn't take pot shots at

Is your callsign on this list?
K6DC, K6STI, WA6GSN, N6CN, K0DQ, WLARR,
WA6BFL, N6SF, N6BV, W6NLG, WA6DIL,
N6CT, K6MA, N6OP, WB4SMA, N6VV, WA6ITV,
K6ZM, W6MSF, K6XM, WB6DHH, W6UA, K6WJ,
WA6BVI, WB6PCO, W6ISQ, N6DR, K6RU,
K6RV, W6DPD, WA6VEF, WB6LPK, WA6JUD,
W6RJ, W6BHY, WB6EMA, WA6TLV, K7RA,
K7SS, W6KWN, WA6PMK, WA7NIN, and
WA6RIR.

If so, you have paid your dues for the NCCC 1977-78 contest season. If not, please send cash or check to:

Carl Snyder W6MSF
27097 Adonna Court
Los Altos Hills, CA 94022

Rates are \$6 for in-territory club members, \$3 for out-of-territory members, and \$3 for full time students (see Presidential Ramblings). If you have a problem paying the dues, please contact the BoD for assistance.

COMING IONOSPHERIC DISTURBANCES

| | |
|----------|--|
| July 12 | NCCC Maxi-Contest (7/19/77) |
| 25 | NCCC Club Meeting, AS&L Bldg, Hayward; 7:30 p.m. |
| Aug. 5 | NCDXCC Meeting, 8:00 p.m., San Mateo Rec. Center |
| 13-14 | European Contest, CW |
| 20-21 | Canadian/USA Contest |
| 27-28 | All Asian DX Contest, CW |
| Sept. 10 | North American Sprint (10-10-77) |
| 10-11 | September VHF QSO Party |
| Oct. 1 | California QSO Party (10-31-77) |

dates in parentheses are log deadlines

THE PREZ RAMBLES ON (from Page 1)

Number 2!! Let's be sure to keep the #1 status in November.

Speaking of SS, the Chairman, Phil Frazier, and his able assistant, Carl Cook, are really going to build us up this fall. They pushed through the recent BoD meeting an expanded awards program for SS that will make your mouth water. This also includes a KB-2000 program sponsored by Bob Vallio, N6KB. Plan to "get-it-on" this fall.

The BoD adopted a student fee program effective immediately. The dues for those members who are full-time students will be \$3.00, with the balance of \$3.00 being subsidized at the discretion of the BoD. Also adopted by the BoD is an NCCC publication program wherein your club will maintain current issues of the Callbook and other materials (yet to be determined) that will be available to club members.

The July meeting will feature a new-comer to the area, John Doremus, WØAW (ex-W2TA), who will speak on how to organize a DXpedition. John is well-rehearsed in this area--just ask Rusty (N6SF).

Our August meeting will differ from the norm. The NCDXCC will have a meeting on August 5th at 8 p.m. at Beres Ford Recreation Center in San Mateo (corner of 28th and Alameda). Rather than cancel the NCCC meeting later in the month, we will hold regional, smaller meetings as a get-to-know each other affair. Details in the next Jug. (It will help save driving!)

See you at the July meeting.

QRZ Maxi,
Tom N6BT

JUNE VHF QSO PARTY RESULTS

| | | |
|---|------|----|
| K7SS (+K7RA, K7JA, and W7FU) | 510 | 52 |
| W6YKM/7 (+WA6JUD and K6KLY) | +400 | 78 |
| WB6ZGY (+WLARR, WA6BMV, WB6SHD, and WA6VEF) | 350 | 49 |
| WA6DYZ | 123 | 3 |
| WA6VEF | 56 | 6 |

NEW FACES

KØDQ/
XELIJJ
Scott Redd
108 Leidig Circle
Monterrey, CA
Phone (H) 408-375-2084
(B) 408-646-2786

Welcome to the NCCC, Scott.

ALL ASIAN PHONE SCORES

Single op. all band

| | | |
|------------------------|------|-----|
| N6RT (WA6VEF op)..... | 783 | 109 |
| W6OKK (WA6MQS op)..... | 755 | 112 |
| W7OX..... | 650 | 100 |
| W6BIP (WB6LOM op)..... | 700 | 90 |
| K6AYA (WA6OEC op)..... | 424 | ? |
| K6HIH..... | 300+ | ? |

Multi-single

| | | |
|-----------------------------------|------|-----|
| W6NLZ (+WB6DSV, WB6OOL, and N6TU) | 1155 | 117 |
|-----------------------------------|------|-----|

80 meter single band

| | | |
|-------------|----|---|
| WA6BMV..... | 20 | 7 |
|-------------|----|---|

40 meter single band

| | | |
|------------|-----|----|
| W6PAA..... | 385 | 29 |
|------------|-----|----|

20 meter single band

| | | |
|-----------------------|-----|----|
| W6RJ..... | 585 | 42 |
| N6RO (WA6DGX op)..... | 500 | 37 |

15 meter single band

| | | |
|-----------------------|-----|----|
| N6OP (WA6JUD op)..... | 168 | 31 |
| WA6DKF..... | 98 | 27 |
| WB6ION..... | 90 | 27 |
| WA6DYZ..... | 55 | 20 |

and some band QSO/multiplier breakdown

| | <u>W6NLZ</u> | <u>W6OKK</u> | <u>N6RT</u> | |
|-----|--------------|--------------|-------------|-----|
| 80M | 68/19 | 42/15 | 50/17 | 80M |
| 40M | 320/32 | 215/27 | 212/27 | 40M |
| 20M | 575/36 | 328/39 | 355/36 | 20M |
| 15M | 180/30 | 170/31 | 165/29 | 15M |

COPROPHILIC REVELATIONS

NCCC News Notes: Danny, K7SS, announces the formation of a new contest conglomerate in the Washington area--the Contest Cheater's Club. According to Danny, the major prerequisite for membership is being disqualified from a contest. He adds that the CCC is going all-out in the '77 SS. "We hope to capture the top ten spots in the High Claimed scores on both modes this year in SS," he says, "but we are shooting for 100% disqualification in the final results".....WA6DYZ, WA6BFL, and WB6SJQ now possess Extra Class tickets. Congrats all.....Congratulations also to WB6NHF, the new SCM of the SF section.....W6RGG has been appointed Radio Officer of Alameda County RACES.....1 cards for contacts with NCCC Special Events Station NC6CC have been cleared

(PLEASE QSY TO PAGE 3)

REVELATIONS (from Page 2)

via the various bureaus, thanks to WA6VEF, W6BMV, and WA6BFL.....Jack Troster, W6JISQ, reports that he visited with NCCC Honorary Member W1YL while back at ARRL Hq in Newington. She told him that she had worn her NCCC T-shirt to Dayton and had trouble getting admitted to the various "hospitality" suites of other contest oriented groups. Well, when you're No. 1.....By the way, Ellen will be in San Mateo in October for the Pacific Division Convention.....Ben, K6TG, is the author of an article in the July '77 QST on modifications for a HW-8.....Greg, WB6EMA, is operating portable from TG7 land. He will be there until about the first of August, and seeks contacts with any and all NCCC personalities..... NCCC BoD meeting, at W6MSF, August 4th, at 7:30 p.m.

NCCC TV GUIDE

The latest word from Europe (Belgium, to be precise) is that Bob Wilson, formerly WA6TLV, is now the proud holder of the callsign N6TV. Some phonetic fanatics in the NCCC have already dubbed him the Turkey Vulture. What else can you call someone who is Totally Vicious in a pile-up and S&P's like a Transylvania Vampire?

We understand that our beloved Pres and VPCC--N6BT (-... -) and N6TU (-...-) respectively--are not exactly overjoyed with this new acquisition of one of the Club's top CW operators (-...-). On the other hand, W1ARR/6 is still smilin'. Since BH's favorite nickname for TLV was "Boob," it won't be at all difficult to extend that to "Boob Tube" for the new N6TV!

--an anonymous Berkeley contester

N6TV's new address is:

c/o Leo Wilson
F-16 Caseur
APO New York, NY 09667

and several other roster changes...

WB6RZX
1110 Minisink Way
Westfield, NJ 07090

WB4SMA
Box 6321
Stanford, CA 94305
Phone (H) 415-323-3721
(B) 415-494-4374

K6KWN
4097 W. 129th Street
Hawthorne, CA 90250

W6ZT
Box 663
Borego Springs, CA 92004

WB6ION
42831 Via Pueblo
Fremont, CA 94538

WB6YBR
2518 Pebble Beach
Santa Clara, CA 95051

WALKID/W6XR
811 Bounty Apt. BB202
Foster City, CA 94404

WB6EXW
1250 Fremont Avenue
Los Altos, CA 94022

EARLY RETURNS FROM IARU RADIOSPORT

Single op:

| | | |
|--------------------------|------|----|
| N6RO (CW only)..... | 1801 | 95 |
| W7OX (both modes)..... | 1887 | 87 |
| N6EE (phone only)..... | 1301 | 93 |
| W6MSF (WB6DSV op, | 1086 | ? |
| both modes) | | |
| WA6BFL (low power, | 858 | 62 |
| CW only from WA6GJH) | | |
| WA6DYZ (both modes)..... | 515 | 44 |
| WA6OEC (CW only)..... | 460 | 26 |
| WB6WSL (WB6SJQ op, | 394 | 27 |
| both modes) | | |

Multi-op:

| | | |
|---------------------------|------|-----|
| VE7WJ (WA6MQS, | 2874 | 110 |
| WA6VEF, VE7CGY ops) | | |
| WA6BMV (at WB6ION, + | 1685 | 70 |
| WB6UOC, WB6ION, and | | |
| W1ARR) | | |
| WB6SHD (+WA6QDB)..... | 295 | 24 |

Other NCCers known to be active: N6BT, WA6RIR, N6JV, WA6VJH, WA7NIN, WB6NHF, K6RLY, KØDQ/6, N6RZ, W6OKK, N6OP, N6CN, K6STI, WA6GSN/M6, K6CSL, K6AYA, WA7MQX, N6TU, W6BIP, W6BH, N6CY, WB6EMR, K7SS, and W1YL.

NCCC 3815 KHz, 7:30 p.m., Tuesday night QNI for June: 4) WA6VEF, 3) WB6DSV, N6VV, N6TU, K6AYA, WA6BFL, 2) WA6DIL, N6BT, WA6OEC, WA6MQS, W6RTT, WB6UOC, N6TR, 1) NØMU/6, K6WJ, WB6BPA, WB6SJQ, WB6PKA, KØDQ/6, KØEE/6, K6XO, N6EE, W6NLG, WA6VJH, K6HIH, W7OX, N6DA, W7NI, N6DE, W6RGG, N6CN, K6STI, W6BB.

WR6ADM: WHAT IS IT? WHERE HAS IT BEEN? WHERE IS IT GOING?

In olden times, at a meeting along about July of 1973, it was decided that the NCCC should have a repeater for the use of club members during contests and on-the-air meetings, and for just plain conversation. It also seemed a good idea at that time to avoid the two meter band and put our repeater on UHF.

Back in 1973, amateur repeater license applications were very complex, requiring that system diagrams, control diagrams, and HAAT (height above average terrain) maps and computations be included. I enlisted the help of non-member John Brand, K6RXZ (now K6WC), an old friend who had successfully completed, and had accepted by the FCC on the first try, a previous repeater license application.

Well, John worked his magic once again and, in a relatively short span of six months, I received the license. The repeater pair, 449.2 MHz input, 444.2 MHz output, had already been coordinated with the Central Amateur Relay Council. We were all set to go.

At that point in the club's history, the treasury resembled Mother Hubbard's cupboard, so we had to rely on our members to provide the repeater. Bill Jackson, W6OWQ, just happened to have a repeater built up from GE strips, and he offered it to the club before anyone had the chance to ask!

However, the beast grew temperamental on the NCCC frequency pair and refused to function. Bill was very busy with his TV repair business and didn't have time to spare, so Larry Boyle, WA6LHN, took on the task of making it play.

After hauling the six-foot rack-full of repeater to his home, Larry discovered that he had no omni-directional antenna on hand. Greg Johnson, K6ERT, had a mobile 5 db gain antenna which he gave to the club for the repeater. It seems, however, that repeaters receive and transmit at the same time, and one antenna wasn't sufficient.

To the rescue came Doug Docherty, N6CN (also VE7AUA/W6 and ex-WA6DQM), who found a 450 MHz duplexer on a shelf at work that his employer graciously wrote off the books and gave to the club. (Doug was to come to the rescue many times in the next few years, but didn't know what he was getting into at the time!)

Now that Larry was armed with all the gear required to get on the air, it was discovered that the repeater needed a

timer and an ID'er. Don McClellan, K6EBB, designed and built a unit to handle both of these functions with the help of Jim Johnson, WA6SII.

Everything seemed to be sorted out now, but Murphy struck. The timer/ID'er had a glitch that would not go away. Bill Snider, K6KM (then W6HQN), beat the thing into submission, and then the repeater itself just refused to function except in short spurts ranging from 3 seconds to 3 hours!

By this time several members were using, or trying to use, the repeater. Pete Grabosky, WB6OOL, said he had a complete and fully operational Kaar repeater that he would give to the club, provided it would be used.

WA6LHN provided the crystals for the Kaar repeater, and WB6OOL tuned up the repeater and installed and interfaced the timer/ID'er. The whole thing was then hauled to W6RGG's for installation.

Next, it was decided that a new antenna was in order. The club authorized the purchase, and Bob Ferrero, K6AHV (now W6RJ), provided at his cost a Cushcraft four-dipole stack antenna from Ham Radio Outlet.

Installation was completed, but the results were less than satisfactory. It was decided that the 3 watt output of the repeater was insufficient and that the QTH of W6RGG was less than ideal.

Back went the repeater to WB6OOL's where he added a 25 watt amplifier to the transmitter, and a preamplifier which he designed and built for the receiver. He then mounted the whole works --repeater, duplexer, amplifier, and preamplifier--in a lockable cabinet complete with a cooling fan. The repeater was tested from Pete's QTH with great success but poor coverage.

By now, Don Schleisser, W6MAV (ex-WA6UFW, now K6RV), had just moved into his super hilltop QTH in El Cerrito and offered it to the club as a repeater site.

So, one cold and damp morning, off to El Cerrito go the repeater; WB6OOL; Rod Deakin, WA6CVU; and me. Someone had to install the antenna on Don's roof, so we volunteered Rod to do the job. While carefully ascending the slippery terra cotta tile roof with antenna in hand, one of Rod's feet gave way, and he began sliding rapidly down the tile toward the roof edge and a 16-foot drop to rocky soil beneath.....

To be continued in next month's issue, de Bob Vallio, W6RGG, WR6ADM Trustee.

VPCC CORNER

Printed in this issue are results of our first two Maxi-Contests. Everyone enjoyed the tests and I was pleased about the way they came off. The next Maxi will be held August 9th. The rules for the Aug. 9 test are the same as previous ones, rules in the Jug and NCJ, except for the following exceptions. CW only and the starting time will be 0230 (7:30 local) instead of 0330 (8:30 local), with a call-up on 3815 kHz at 0220 (7:20). Hopefully, more East Coasters will be participating with an earlier starting time.

Field Day Comments:

N6VV/6--"Where did this bloody wind come from?"

K6AYA/6--"Wow, that lightning bolt was a close one!"

N6OP/MM6--"Rats, these batteries are shot. Bridge, anyone?"

N6KB/6--"QRZ from N 6 KOWA BUNGA / 6."

Field Day is over, and that's a relief for many, I'm sure. This is the first year FD was a gas for me from N6KB. Running a KW does make a difference as far as rate is concerned. FD '77 RIP.

Get your fingers warmed up for the AA CW Contest. Better order some more QSL cards, too!

Our club certainly is enjoying a lot of publicity these days. The nature of our politics is laboriously expounded upon by League officials. Our contest ethics are meticulously scrutinized by our fellow clubs. Our taste in apparel is abhorred by editors and congressmen alike. However, we must all take these attacks in stride and consider the source. They wouldn't be shooting at us if we weren't No. 1!

An editorial comment--KB(??)

VPCC/N6TU/WB6LPK/UR1LID/6

NCCC SMASHES RECORD?! (AGAIN)

The NCCC Club Aggregate Mobile score this Field Day may very well be the biggest ever recorded. The key to our success seems to be the enthusiastic participation of 2-meter mobilers, who cranked out 25-50 Q's apiece at 5 points per QSO. A couple of multi-band entries gave the Club total solid support, though the individual totals were disappointing compared to last year's.

PLEASE obtain a summary sheet from N6TU if you do not already have one, and send your mobile score in to ARRL. Also, make sure an accurate score gets passed on to me somehow so that I can mail HQ the "club aggregate" letter. The deadline is August

1st, so please try to get all of this accomplished by the next Club meeting, OK?

Congrats on some super mobility!

Bill, N6OP

Mobile FD Scores:

N6OP/M6--CW 193 Q's, Phone 355 Q's, total of 548 Q's, score of 1482.
 WA6UOM/M6--9 Q's. N6CY/M6--31 Q's.
 WB6SHD/M6--9 Q's. WA6DYZ/M6--88 Q's.
 W6OKK/M6--25 Q's.

Other mobile stations with no scores available: WA6ITV, WA6VEF, N6TU, N6BT, W6RGG, WB6DSV, WB6PCO, and K6STI.

FIELD DAY TALLIES

| | Cat. | QSO's | Score |
|--|------|-------|-------|
| N6VV/6 (+K6ZM, WA6DIL, K6PJY, K6XV, N6FJ, WA6DGX) | 3A | 1795 | 6078 |
| K6AYA/6 (+W6OKK and WA6OEC) | 1A | 1125 | ? |
| N6KB/6 (+K6STI, WA6VEF, N6TU, WB6DSV, N6CN, N6BT) | 3A | 3672 | 5000 |
| W6CX/6 (with NCCC ops WB6KNU, WA6GSN, WA6BFL, and WA6BMV) | 5A | +1900 | ? |
| K6FB/6 (with NCCC ops WB6JGS, WA6UOM, WB6PCO, WIARR, WB6SHD, and WA6DYZ) | 3A | 1092 | 3402 |
| WB6WSL/6 (with NCCC ops WB6SJQ and WB6UOC) | 2A | +700 | ? |
| K7SS/7 (+ WA7OTT and W7FU) | 1A | 2600 | 6600 |

MAXI-TEST--JUNE 14th

| | |
|-------------------------|----------|
| K2PP..... | 160 pts. |
| NØMU/6..... | 200 |
| N6VV..... | 1200 |
| K6HIH..... | 1650 |
| WB6PKA..... | 2115 |
| N6CN..... | 3000 |
| WB6ION (WA6VEF op)..... | 4320 |
| W6CF..... | 5280 |
| WA6DYZ..... | 6125 |
| N6BT..... | 6650 |
| K6SE..... | 7875 |
| N6TU..... | 8520 |
| K6LL..... | 10080 |

MINI-CONTEST RESULTS

June 7. Exchange: RST and age. SSB only. Multiplier: no. of different prefixes. Length: 10 minutes. Low power.

| | | | |
|-----------|---------|----|---|
| 1st Place | WB6DSV | 32 | 7 |
| 2nd Place | KØDQI/6 | 22 | 6 |
| 3rd Place | K6STI | 19 | 6 |

(PLEASE OSY TO PAGE 6)

MINI RESULTS (from Page 5)

MAXI-TEST--JULY 12th

WA6OEC 20/5, W6RGG 20/5, WB6MQK 16/6,
WA6BFL 15/6, W6GFF (WA6HJV op) 14/6,
WB6UOC 14/6, N6VV 14/6, K6AYA 13/6, N6DE
14/5, N6CN 11/6, and insert N6TU at 20/5.

June 21. Exchange: RST and month of birth.
Multiplier: different months of birth.
Length: 10 minutes phone, 10 minutes CW.
Low and high power entry classes.

High Power

| | | | |
|-----------|-------|----|----|
| 1st Place | N6TR | 30 | 11 |
| 2nd Place | W6RTT | 25 | 10 |
| 3rd Place | K6HIH | 23 | 10 |

N6TU 25/8, N6RZ 24/8, K6STI 23/8, N6DA
21/8, W7OX 13/9, and K6AYA 13/10.

Low Power

| | | | |
|-----------|--------|----|----|
| 1st Place | WB6DSV | 22 | 10 |
| 2nd Place | WA6DYZ | 24 | 9 |
| 3rd Place | WA6BFL | 23 | 9 |

and WA6VEF 22/8.

| | Mode | Pwr | Q's | Mlt | Score |
|-----|--------|-----|-----|-----|---------|
| 1. | N6CJ | CW | H | 55 | 32 8800 |
| 2. | K6SE | Mix | H | 50 | 25 5 0 |
| 3. | N6TU | Mix | H | 60 | 20 5200 |
| 4. | KØEE/6 | CW | H | 52 | 19 4940 |
| 5. | W6UE | CW | H | 42 | 23 4830 |
| 6. | K6XO | Mix | H | 48 | 19 3952 |
| 7. | WA6VEF | CW | L | 42 | 14 2940 |
| 8. | K6STI | CW | L | 41 | 14 2870 |
| 9. | N6VV | Mix | H | 43 | 17 2771 |
| 10. | WA6LBP | Mix | L | 37 | 17 2703 |
| 11. | WB6UOC | CW | L | 36 | 15 2700 |
| 12. | N8ET | CW | H | 34 | 15 2550 |
| 12. | WB6EMR | CW | L | 34 | 15 2550 |
| 14. | WB6PKA | CW | L | 35 | 12 2100 |
| 15. | WA6DYZ | Mix | L | 33 | 16 1884 |
| 16. | CY7CC | CW | H | 30 | 12 1800 |
| 17. | WB6SJQ | Ph | L | 7 | 5 105 |

Sorry if we missed anyone.

From Badge Man and Under-the-Counter Dealer W6RGG:

QSL cards will be at the July meeting for N6JM, N6TU, N6CN, and K6MA.

Badges at the July meeting for W6XR, W6NKR, N6RA, and WB6PUU/WA6VYK.

NEW CALLSIGNS PEOPLE ARE HIDING BEHIND

FER SALE

WA6VYK is now K6WJ
WB6CXS is now WB6YBR
WA6TLV is now N6TV
WA6TQK is now N6DA
W6KHI is now N6DR
W6HJP is now K6XM
W6KQG is now N6CT
WBØMRU is now NØMU
W7MRS is now W7OX
WA6UZA is now N6RZ
KØDQI is now KØDQ
and N6KA is now WB6PKA

Wanted: 5 or 6 el. KLM yagi for 10 meters. K6KLY, 415-592-3165.

Wanted: SB-220. WA6GJH, 415-537-6014.

For sale: 4½ el., 7 MHz fully rotatable Igay Adu array. Tri-directional, lightweight, fully portable. Diagonal polarization, zirconium gloptenate insulators. Used successfully on DXpedition to VD1SIF. For details, contact W6RGG.

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