



## YOUTH INTERNATIONAL PARTY LINE

JULY 1973

no. 20

# YIPL

Dear YIPL:

The New York Telephone Company originally publicized these numbers when it introduced International Direct Distance Dialing (DDD), but for some reason the numbers were not mentioned in the new brochures. Perhaps they felt that these recordings would encourage people to use their boxes for calls to other countries. In any case, here is the complete list of recordings:

#### FOREIGN TELEPHONE SIGNALS

(212) 363-8888 Norway and Sweden  
(212) 363-8889 Italy and Luxembourg  
(212) 363-8849 Switzerland and Denmark  
(212) 797-8029 Greece and Spain  
(212) 797-8079 Australia and Japan  
(212) 797-8729 British Isles and France  
(212) 797-8798 Belgium and Germany

The local A&P has two pay phones but they ripped out the number plate since the A&P chain doesn't want the public to know the number of the pay phones in their stores. I tried dialing 958 but it didn't work (although it works in other pay phones). Any ideas why 958 didn't work? Can I request the telephone company to disconnect the Automatic Number Identification from its phones?

J. R., N.Y.

Could be that the exchange of the particular pay phone has another ANI number. Try ringing back, the bell may have been deactivated anyway. Complain to the manager that someone might have to reach you while shopping, and you might go to a store that doesn't make already lousy service even worse. But it isn't likely Bell disconnected ANI just from those pay phones.

Also, try reason with the manager, since complaining to the phone company won't do any good. The manager will, however, have a lot of pull with them. Ask the manager how one makes a 10 minute call with one dime. What happens when the dime runs out? Call collect, and pay more? What do they have against calling from home phones back to pay phones? Don't people pay for home service?

Dear YIPL,

Issue #18 gave a Nevada Bell communicator number (702-789-6711) which is NOT a free number, unlike the Pacific Telephone numbers and most of the others. Please notify your readers. The AT&T newsline number (212-732-8030) which is free now will have a new number (will write as soon as I know). Plans are for calls to the new number to be free only from nearby N.Y. and N.J.; if the toll charges from N.J. are 50¢ or less, or the charges from N.Y. are \$1.06 or less, the call will be free. Otherwise it will be billed in the usual manner.

-GS, NY-

I - Since some people are afraid that the FBI or others will find out that they subscribe to YIPL, would it be possible to offer to mail them out in an envelope, first class, for an extra \$1 or \$2 a year?

Yes- for the extra hassle, though, we'll need \$1.50, if you're already paying for a subscription, and as always, free if you're receiving a free subscription.

BE SURE AND BRING AN ISSUE OF YIPL ADDRESSED TO YOU FOR FREE CONVENTION ADMISSION.

A recent rumor flying around Washington was that there was a number, 560-9944, that made a rising siren tone with a click if your phone was tapped, and no click meant no tap. NBC anchorman John Chancellor called the number and heard a click, so he called the phone company. They told him they disconnected it because people were making too many calls to it, falsely thinking that it told of phone taps. An army intelligence source told the N.Y. Post that there was a similar number in N.Y., but he didn't know it. If he had read YIPL #14, however, he would have, 324-0707. This number, to our knowledge, was not a bug detector. It is a test number that swept through the frequencies of the long-distance circuits. When it reaches 2800, there is a momentary click because testmen using it long-distance don't want to be causing extra switching when checking a line. Also, filters in all long-distance trunks would cause the loss of the tone at 2800 anyway. The Telecommand (YIPL #3) detects a tone sent down a line and silently answers the phone. If you suspect a Telecommand on your phone, and were to feed a rising siren tone into your phone, you would hear a click when the frequency of the Telecommand was reached, and the click would mean that the Telecommand had just turned on. Since the chance of a Telecommand being on your phone is small compared to the many more common taps, using the phone company's sweep tone could prove to be very misleading, at the very least. Since the rumors began, both the Washington and N.Y. numbers have become busy signals. So it appears that a common test number useful for one limited type of bug detection and no others has bitten the dust.

#### BACK BITES-807

- 1- Extensions, conference articles
- 2- Blue Box Story and Addie on riglets
- 3- Telecommand story
- 4- Pay Phone Issue
- 5- Blue Box 1 How obsolete
- 6- Blue Box 2
- 7- Taping your crops
- 8- Credit card calls and 1972 code
- 9- Paper tape protection lines 11
- 10- Receiving long distance calls Free
- 11- Blue Box Plans
- 12- International Calls
- 13- International Calls A AT&T Paper
- 14- 1972 Credit Code, T Network
- 15- Red Box Plans
- 16- Red Box Line Relay
- 17- Call Stopper
- 18- The Snoop Light
- 19- FACT SHEET-256

How not to get caught making credit calls  
Receiving long distance calls Free (Issue 11)  
AT&T-BELL SWITCHING  
DESTRUCTORY ASSISTANCE- Free-Just  
stamp, self-addressed envelope,  
Return 2 of your address to:  
YIPL, Room 504, 152 W. 42 St., N.Y. 10036  
Mailings only, don't send cash, PLEASE!



YIPL is free if you can't afford it. If you must renew and can't afford, write us or we have to cancel your subscription.

Head Crash-Send us computer passwords and operator-only codes in return for more of same.  
Send a stamped, self-addressed envelope, please.

## THE CHEESE BOX

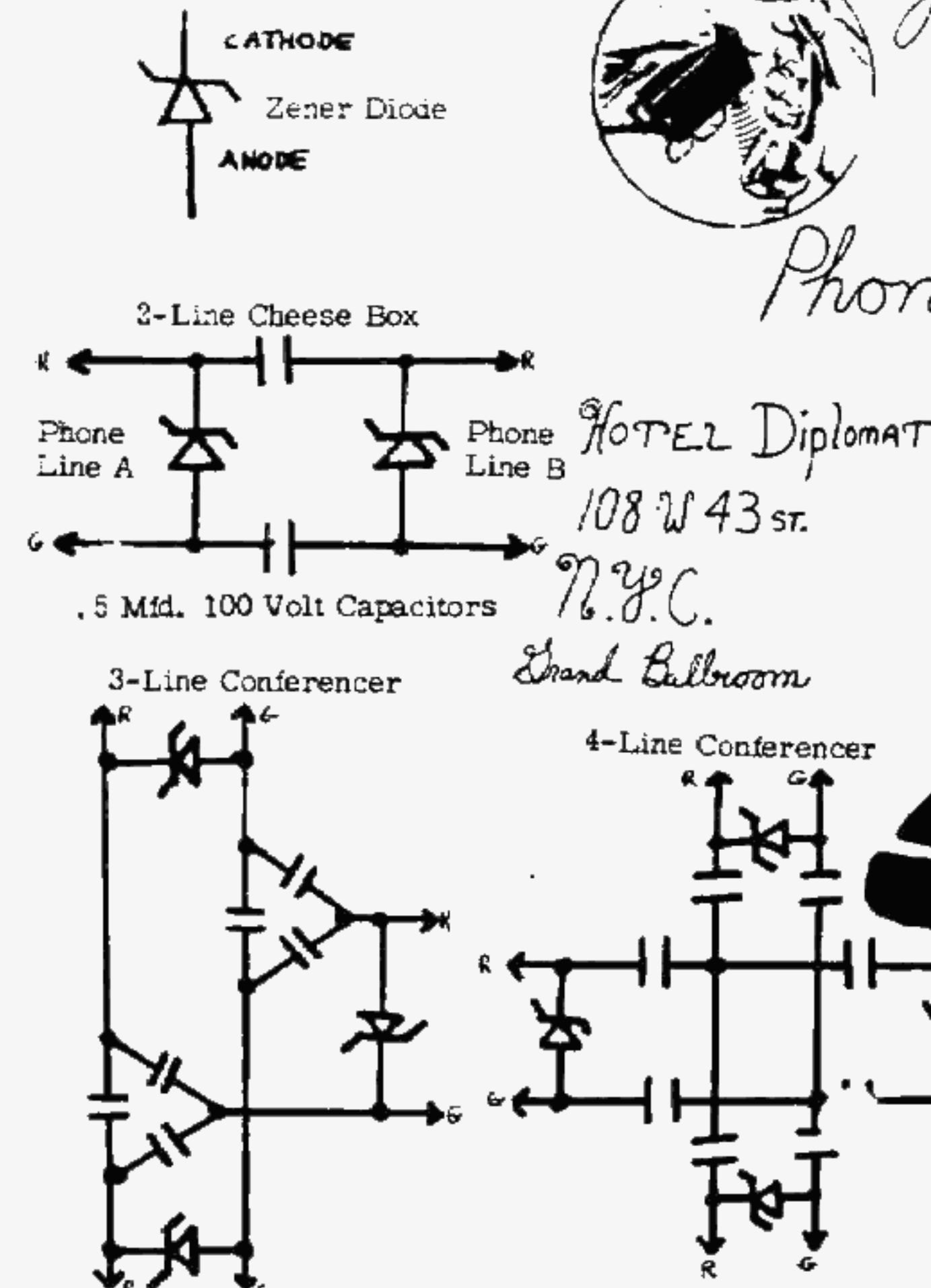
The Cheese Box is simply a conference line, or loop-around. They are very popular with bookies who place bets by phone, because their clients call one number, and the bookie calls another, and police won't find the bookie at the location of either of the two numbers. This is precisely why loops have been a favorite of phone phreaks, too.

Bell's loops are limited because they often disconnect after a certain time, one of the two members must be called first, and they are often monitored and sometimes even charged. The Cheese Box can be extended to many lines, thereby creating conferences, and will let either line be called first and hang on indefinitely. Last but certainly not least, the Cheese Box is free.

Phone voltage is normally 45 volts. When the phone rings, a 90 volt AC signal is applied to the line. The zener diode conducts if the voltage rises to 56 volts, thus it conducts as the phone begins to ring, in fact, before the phone rings. As soon as it conducts, the phone equipment thinks you picked up (because current is drawn by the zener) and the voltage drops below the zener voltage, and it stops conducting. All this happens so quickly that essentially the zener conducts for only a few milliseconds, and the billing equipment does not start. If you call from a local pay phone, you will get your dime back. And you can hold on until someone calls in on the other line or lines. When they do, their line will be answered in the same way and you can then talk to each other. The capacitors prevent the DC voltages on the lines from interfering with each other. Either side of the line can affect the line status if allowed to touch another line.

Install the zener diode to the red and green wires of your phone line. If you install it backwards, there will be no dial tone on your phone, if so, reverse the wires from the zener. A zener diode will conduct electricity when the anode is more positive than the cathode, or when the cathode is more than a certain number of volts more positive than the anode, in this case 56 volts.

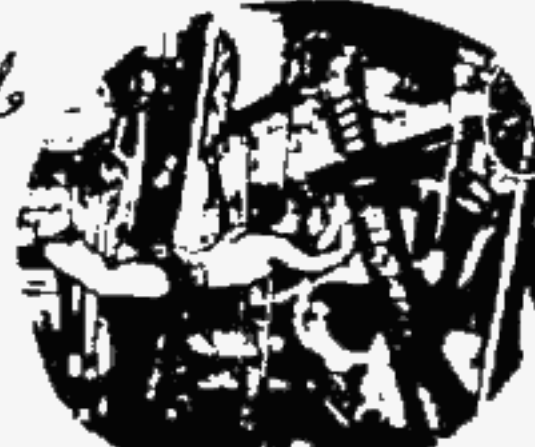
Since the phone company has a special hatred for phone attachments that cause free calls, many bookies use the Cheese Box for only a few minutes, since calls over 3 minutes can be detected if the phone company decides to do something about it.



FI. Here are some good references on switching systems:  
Bell Laboratories record Jan. 70 page 13  
Bell System Technical Journal Nov. 80 page 1381  
This one is the best paper on the Bell switching system and pages 1398, 1400, and 1422 will give you a good understanding of how the toll system works. Page 1422 explains supervision principles. Supervision is returned to the caller when the called party answers. As a result you get billed. If you disconnect (2600) on a toll call after supervision has been returned to you, you will be timed out by your local office. That is, you will lose the circuit in 15-30 seconds. If you are not souped, then disconnecting with 2600 does not cause time out. On what calls are you unsouped? If you call a phone that has a black box or mute, a call to information, service calls, or recorded messages. The phone company does not return supervision on 555-1212 so you will not be charged. Thus only the first billing entry is made. If you MF off of long distance information and call a supervised number, the start and stop of conversation will be recorded. That is, you will be billed for a call to information which is IMPOSSIBLE as supervision isn't returned on those calls. You went from an unsupervised line to a supervised line during the same call which is a dead giveaway that you have a blue box. If the phone company is alert you will be nailed when they check their billing tapes. Never use long distance information from a home phone. Your security should never depend on someone else's stupidity.  
Here are the credit cards for two of those companies producing 2600 detectors.



You are cordially invited to the 2nd annual international Phone Phreaks' Convention



Sept. 8, 1973

10 am - 5 pm  
\$1.00 contribution, 1/2 in. subscribers free

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Northeast Electronics  
Concord, N.H.  
224-6511-004U (803 Area) 683-7409-5312 (613 Area)  
It's reasonable to assume that these people will only supply independent companies. The Bell system has designed its own. It's been known for some time that Bell has had a few 2600 detectors that recorded the MF numbers. These are probably used when they suspect a blue box is being used from a home phone and want to gather evidence for prosecution. According to Bell security, the computer program which processes the billing tapes now looks for 800 calls longer than 10 minutes as well as an excessive number of 800 calls.  
-Alex, U.S.-

## Phone operator tells of Ma Bell's "Watergate"

To the Editor:  
I work as a telephone operator in New York City, handling "Director Assistance" (411) calls. Last year, during the election campaign, we were ordered to transfer the call to a supervisor, who will, if necessary, give the number.  
There's no expression that's very popular among telephone company management. It goes, "One hand washes the other." AT&T probably did a whole lot more to help Nixon than we do even know about. One thing we know that Nixon did though, he stepped up with the wage-freeze and day before our last contract ran out (name withheld).  
Brooklyn, N.Y.

Democratic Party telephone number, instruct the operator to say, "I'm sorry, I have no listing." Only if the customer becomes insistent, instruct the operator to transfer the call to a supervisor, who will, if necessary, give the number.  
There's no expression that's very popular among telephone company management. It goes, "One hand washes the other." AT&T probably did a whole lot more to help Nixon than we do even know about. One thing we know that Nixon did though, he stepped up with the wage-freeze and day before our last contract ran out (name withheld).  
Brooklyn, N.Y.



## How to get out of paying deposit

Feel free to lie to phone co. They don't have time to check your answers, especially in spring and fall in college towns. When they ask, "Are you married?" say YES. When they ask where you work, NEVER say, "I'm a student." Tell them you're civil service. When they ask, "Do you have a bank account?" say YES and mention checking account in one local bank and a savings account in another. When they ask, "How long have you been at that address?" say a year and name your landlord. If they still want a deposit, get very insulted and say "To hell with it." Then apologize: "Gee, I'm not mad at you personally, but those stupid company policies I'll bet working there is a real drag." Call 2 or 3 days later, go thru the above routine again, & you probably will get the phone with no hassle about a required deposit. Very important-After several months, often 6, you are entitled to your deposit back. The phone company will give you interest on the deposit in the form of phone credit, but it's no bargain. The interest can be earned at any bank, but the phone company invests your money in ways to make a fortune for them and much less for you. Don't let them use your money! If you have your friends do this it will mean less money to spend on Western Electric's defense contracts. They were the bloodsuckers behind the ABM.

The phone company also invests money from phone bills and the sooner they get it, the more profits they get. Don't ever send in your bill until the last possible day marked on the bill.

Be sure to call these swell people at convenient times. Area code is 606.

Honeywell...299-0449- Ask them about contract DAAA-21-73-CO286 of January 1973. And ask them about the \$30.9 million Navy contract for the Rockeye II cluster bomb. Ask them why they keep working for a company that makes 40% of its profits from anti-personnel weapons.

-M.T., Kentucky-

## STUCK STACKS?

A memo from the Director of Switching Engineering to the various Bell Engineers reveals that a device has been built to prevent stacked tandems. It is being installed in all senders with varying degrees of haste. We have some copies of the memo in Destructory Assistance.

Dear YIPL,

While on the phone with a friend, I heard clicks on the line. Then an operator came in and told me that there was another party trying to reach me and that it was an emergency. I heard the clicks a long time and when I asked her why she was listening in so long she told me she was trying to find out if my conversation was important enough to break into. And when I asked her her name, she hung up.  
-RK, NY-

Hot News Item! In issue 11 we stated that the Black Box is primarily for long-distance calls, and that local calls may be disconnected if the switch is not immediately switched to "Free". Tests in several areas of New York show that local calls will not be disconnected and will be free! Calls from a pay phone will also be free. There are reports that certain areas will disconnect local calls automatically in 10 to 30 seconds, but often the phone is picked up and hung up too slowly, thus accounting for the disconnection. If the procedure is done within 1/2 second, no disconnection will occur, unless the local phone system is so designed. Highest safety will be afforded when calls are kept under 3 minutes.

## GENERAL TELEPHONERS!

We now have a fact sheet identical to our issue 11-Receiving Long Distance calls that is for readers served by GenTel, which uses Automatic Electric phones, not Western Electric. State clearly that you live in a GenTel area when writing us.

Published for informational purposes only by the Youth International Party Line.

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BOOKS  
Steal This Book \$2.25  
Monopoly \$1.20

FROM: YIPL, Room 504, 152 W. 42 St., N.Y., N.Y. 10036

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**CALLS COMING UP** It's just a question of time before the 10-cent telephone call becomes history. And very little time at that. Starting May 1 the cost of a telephone call in the state of Washington rose to 16 cents, making Washington the first state in the Bell System to abandon the 10-cent call. The Bell System has on file a request to raise all local calls to 20 cents each in the following states: New York, Florida, Maryland, Indiana and Oregon. SOURCE: MAY 27, 1973