



The Hobbyist's Newsletter for
the Communications Revolution

TAP

Meine Einsteigsdroge

TAP lernte ich etwa 1980 kennen. Im "Whole Earth Catalog", einer wichtigen Quelle der Alternativbewegung, stand eine kleine Empfehlung für TAP - The Hobbyist Newsletter for the Communication Revolution. Auch im LOOMPANICS-Katalog tauchte TAP auf. Ich gehörte zu den Glücklichen, die nicht nur 10 Dollar hinschickten, sondern auch bald beliefert wurden. Die TAPs las ich wie im Rausch.

Viele bruchstückhafte Informationen fügten sich plötzlich zu einem ganzen zusammen. Einiges verstand ich erst nach dem dritten Lesen ein paar Jahre später und manches ist mir immer noch unklar. Entweder ist es falsch oder so schwer übersetzbar wie das Wort "Mehlbox". Oder US-spezifisch. Die beschriebenen Black Boxes und die andersfarbigen gab es auch hier. Sie waren wenig verbreitet, da es keine deutschen Namen gab.

Aber Telefonfreaks gibt es auch hier schon solange es Telefon gibt. Ich erinnere nur an Ratschläge, bei Telefonzellen mit schrägem Geldeinwurf eine bestimmte Kombination von Groschen und Fünfzigern einzuwerfen (mal abgesehen von den 10 Centimes), da diese Gewichtsverteilung den Geldwiege- und -schluckmechanismus beklemmt: Telefonieren ohne nachzuwerfen. Ein Faustschlag als RESET. Die Post nennt das "atypisches Nutzerverhalten".

Black Boxes: Hochohmig rangehen anstatt abzuheben. Der Anrufer spart, da Klingeln nichts kostet (geht nicht mehr). Gebührenpulse: Der Angerufene konnte das Gebührenrelais des Anrufenden durch einen 16 khz Dauerton blockieren. Das Relais zählte, wenn es anzog. Wenn es aber nicht mehr abfiel...

Die Post baute bundesweit 16 khz Filter ein.

Vor Einführung der Selbstwahl mußte bei Ferngesprächen das "Fräulein vom Amt" vermittelnd eingreifen. Postintern konnte mit der Doppelnull (11 Pulse) gewählt werden. Da übliche Wählscheiben nur 10 Löcher hatten, mußte gleichmäßiges Gabeltackern geübt werden. Es gibt noch viel mehr zu berichten.

TAP ist brainfood für alle diejenigen, die "wach" sind.

Wer im Verkehrsfunk zum 30tenmal hört "Lalüalü - Im Ortsnetz Grummel ist der Notruf 110 ausgefallen. Bitte rufen Sie die Polizei über Amt an!" und darüber nachdenkt, ob neue Fangschaltungen oder schlimmeres eingebaut wird, für den ist die folgende TAP-Sammlung richtig.

Wem das Telefon antiquiert vorkommt, der möge bedenken, daß sich hier komplexe Netztechniken sehr effektiv eingesetzt werden. Davon läßt sich viel lernen, was für die technische und die gesellschaftliche Weiterentwicklung von Bedeutung ist.

Im ersten Teil der Hackerbibel finden sich etwa die ersten fünf Jahrgänge von TAP. Wir hoffen, damit die technologische Lücke zwischen den USA und hier ein wenig aufzufüllen und danken Cheshire Catalyst für die Abdruckgenehmigung.

Da die Hackerbibel erheblich umfangreicher wurde als geplant (das ist an der teilweise kleinen Schrift der Beiträge zu erkennen), mußten wir bei TAP kürzen.

Wer mehr wissen will: Kopien dieser Seiten gibts bei der Grünen Kraft, Näheres steht hier irgendwo.

Viel Spaß bei der Lektüre und Vorsicht bei Experimenten!

Einer vom Fach meinte sehr treffend dazu: Viele haben sich jeder gesagt: -Wenn schon Kinder sowas zustande bringen, kommt doch
Im Juni 80 war noch immer nicht geklärt.
Sie waren schon froh durch die zwischengeschalteten Übertragungs-
protokolle die Quelle des Einbruchs gefunden zu haben. (Inzwi-
schen, Feb. 81, hat man den 13jährigen Schüler erwischt. Vorher
bestellte er -gratis- für seine Schule noch einen LKW mit Geträn-
ken, auch über Datenmanipulation, Anm. d. Übers.)

ZEITSCHRIFTENSCHAU

TAP ist, so steht es im WHOLE EARTH CATALOG, eine nun schon zehn Jahre alte Zeitschrift für 'telecommunication junkies'. Die beste Informationsquelle zum uneingeschränkten Gebrauch des Telefons und anderer Kommunikationsnetzwerke.

Zur Information: TAP heißt 'Anzapfen'. Die Zeitschrift hat ihren Inhalt seit den alten 'Ruf mal für lau an'-Zeiten erweitert. Nun beschäftigt sie sich mit Computern, Telex, Kabelfernsehen und dem Postsystem. Anwendung auf eigene Gefahr. Die meisten Artikel erscheinen unter alias-Namen. Aber das macht nichts, es ist trotzdem faszinierend zu lesen.

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tapvorh1.ws 850806 0347

Kleine Kastenkunde: Mit einer *black box* telefoniert man gratis, weil das System immer noch zu klingeln scheint. Mit der *blue box* gibt's Gratisanrufe von überall aus, und mit der *red box* werden die in Amerika üblichen Münzeinwurfpietöne erzeugt. Die *cheese box* ermöglicht Telefonkonferenzen und und und.

Weiter wird erklärt, welche zusätzlichen Möglichkeiten das militärische Telefonsystem bieten könnte (diese Telefone haben 16 statt 12 Tasten. Die Frequenz des entsprechenden vierten Pietones ist ca. 1600 Hz. Manchmal müsse ein Anruf wegen einer Pizza Vorrang vor dem Präsidenten haben). Weitere Artikel behandeln Dietrichherstellung (Drähte der Besen von Straßenkehrmaschinen seien geeignet) und anderes mehr.

THE YOUTH INTERNATIONAL PARTY
LINE'S FIRST ISSUE

We at YIPL would like to offer thanks to.

all you phreeks out there. Most of you who are now receiving this met us in Washington on Mayday, where we distributed 10,000 promo flyers. So far we have received over 50 responses, complete with contributions, encouragement, and spirit. We may not have done well percentage-wise, but the fact that there are 50 people all over the country willing to fight back speaks for itself. We are sure that from the spirit of the response, YIPL membership will really skyrocket. However, more important than our numbers, in our opinion, is the feeling and motivation for this movement. The disappointment we feel toward Amerika has turned to hatred as we saw the futility of the movement to improve it, and to frustration as our outside efforts were repressed and forbidden. But we did not turn our backs on the movement for change. YIPL believes that education alone cannot affect the System, but education can be an invaluable tool for those willing to use it. Specifically, YIPL will show you why something must be done immediately in regard, of course, to the improper control of the communication in this country by none other than the BELL TELEPHONE COMPANY.

So if your friends want to get in on the fun, let them read your newsletter, and you might want to research your own questions in your local library, and help to start the education of your community of the phone company's part in the war against the poor, the non-white, the non-conformist, and in general, against the people. Show your neighbors, friends and the representatives of your area how the Bell System and the Amerikan government are co-conspirators. If your friends can't subscribe to YIPL, that; is cool, is convenient for our small staff, and is right on if they can send a buck as a donation and read your newsletter. We also need stamps, letters, and envelopes, which maybe they can get from their office at work. Because we are already sending out issues to people short on bread, we really do need this kind of help. We will report on all of our finances from time to time, and if you can dig it, we will probably need some kind of bail fund set up. If any YIPL busts happen, we'd like to ask you all in advance to work extra hard for the cause. People, thanks again. Love

THE CREDIT CARD CODE

The 1971 Credit Card system works as follows: The telephone number(7digits) of the number to be billed is followed by the secret number for the area code of the number. They are listed below for several cities. At the end of the number comes a letter that matches the sixth digit of the telephone number. Many people look up the number of a large Company in the area and use their number, cause using any old number might lead to that person refusing to pay, and the Phone Company's hasseling the person to whom the call was placed. They should say that others use that phone, and they don't know anything. Fraud is illegal, so we don't think you should make free calls. his Code has already been printed in many underground papers, as you know.

Detroit-083 Boston-001 Phila.-041 1=Q 4=H 7=R 0=Z
Washington-032 San Fran-158 Pitts.-030 2=A 5=J 8=U
New York-021 Chicago-097 3=E 6=N 9=W

Example- 769-1900-069-Z (I.B.M. ,Amant,N.Y.)

LETTERS TO THE EDITOR

Dear phreeks,
I'm a phreeks in need of information,
so I can balance the score between the
Bell Kompany & the people. I enclose
a dollar. Your brother in the move-
ment-H.H., Jamestown, H.D.

My dearest sirs:
Nothing pleasures me more than ripping
off Mother Bell. Please send news-
letter. Enclosed is \$1 U.S. Also-a
question...A few friends of mine make
long distance calls free from pay
phone booths by holding the mouth-
piece of the phone they're using up to
the phone next to it so the operator
hears the change jingle and makes the
connection. I've tried it here in D.C.
and the operator says the cash hasn't
registered(which of course it hasn't).
Please tell why. Thanks a lot. B.S.,
DuBois, Pa.

In our nation's Kapital there are
the shiny new pay phones that work ele-
ctronically, instead of the ding (5¢),
ding-ding (10¢) or dong (25¢). New ones
have only one slot for deposit, and on
old ones your trick works, but hold
the handset close to that phone!

Editor

Send me the shit and don't rip me off
(please) S.M., Winchester, Pa.

Dear Y.I.P.L.,
I thought you might be interested in
a movement started here in Lancaster.
The movement is to have people who
wish to see our troops out of Vietnam
this year call their local phone com-
pany manager and have their phone re-
moved. The manager must be told what
if it is to have any effect. Hopeful-
enough people will feel strongly &
up phone service to begin showing up
on the profits of the phone company.
This would push the phone lobbies to
speak out (Bell especially) to end or
continued involvement there. If you
can assist in any way by encouragin-
g this to take place in other areas it
would be appreciated. Thanks! J.G.,
Lancaster, Pa.

Hi People,
Here's my bill, send me shit on fuck-
ing the Bell System. Man do I need
info on this kinda shit thanks D.B.
State College, Pa.

OUR FRIENDLY PHONE COMPANY....

One example of eavesdropping that touches a vast number of Americans was
related to the Subcommittee by Joseph Beirne, President of the Communications
Workers of America. He revealed that the phone company does not limit its
invasions of privacy to assisting the FBI and other government tappers. He
pointed out that "as part of its training program, and as part of its con-
tinuing close supervision of its employees, the telephone industry has develop-
equipment for monitoring its operators, its service assistants, its commerci-
office employees-in short, all of its employees who deal with the customer.
monitoring means, of course, that the customer is, in effect, monitored at the
same time."

"An alert snooper is sometimes able to obtain the information he needs simply
by calling the telephone office and posing as a telephone repairman. Or, if
the tapper is a law-enforcement officer, he may be able to secure the outrig
cooperation of the telephone company in the placing of his taps. In Kansas
City, the existence of just such an arrangement between the telephone company
and the chief of police was revealed."

The above two quotes were made by Senator Edward V. Long.

In the office we call it "The System", and use of the word "the" means dog-
matic finality. The wall comes up pretty fast when you start tampering with
the way things are done within The System, and you either slow down and do
things Bell's way or knock your brains out.-AT&T junior executive, spring, 1967

In April of 1966, as the government was escalating the Vietnam war, Congress passed a law raising the Federal tax on telephone service to 10%. "It is clear," said Rep. Wilbur Mills, Chairman of the House Ways and Means Committee, "that Vietnam and only the Vietnam operation makes this bill necessary". -Congressional Record, February 23, 1966.

The War Tax Resistance is showing people how to refuse to pay this war tax. In most cases, the IRS will come to collect with 6% interest, but your phone service will continue. But the more it's done, the more it costs them in time, trouble and embarrassment for Uncle Sam. Do it, and tell your friends, relatives and neighbors to do the same. Include a letter to this effect to the phone company and your congressmen:

Date _____

BECAUSE OF THE BRUTAL AND AGGRESSIVE WAR the United States government is conducting against Vietnam, the amount of the federal excise tax, \$....., has been deducted from my payment of this bill. I have opposed this war and protested against it in many ways. Now I must testify to my opposition by refusing to pay this tax.

The telephone excise tax was raised in April, 1966, only in order to help pay for the war in Vietnam. Paying the tax means helping to pay for outright atrocities, for the murder of innocent women and children. It means helping to pay for the indiscriminate bombing and napalming of defenseless villages. It means helping to finance the shipping of American boys half way around the world to die defending an unpopular, totalitarian and corrupt regime.

I am sorry for any inconvenience my tax refusal may cause your office and hope you will understand that this protest is not directed against the telephone company. I hope also that you will soon join me and the many others who have decided that it is now necessary to oppose the war by refusing to pay the telephone excise tax that helps finance it.

Sincerely in peace,

Distributed by
WAR TAX RESISTANCE
339 Lafayette Street
New York, N.Y. 10012

IN NEED

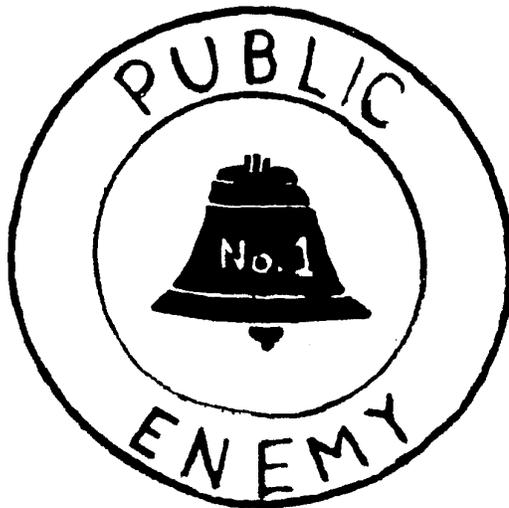
How do we communicate with our people serving time in Nam? WPAX has a way. They're putting rock and soul and rap and education tapes on the air through Radio Hanoi, who is donating free air time to broadcast these "subversive" sounds, now banned by our government's stations. But WPAX needs your blank and recorded tapes, and of course, bread. Send what you can. If you want to record your own show to be aired, ask them for details and they'll be happy to supply them. WPAX, Box 410, Cooper Station, N.Y., N.Y. 10003

GETTING PAST ISSUES OF YIPL

Obviously, as people join up later or they're going to want info that was already published. So we'll have a stock of past issues, available at the ridiculous (?) price of 50¢ each. This might start to erase our deficit, but we'll lower the price if we can get enough contributions.

IN OUR NEXT ISSUE

We will have more letters, info, shit, and our man on the scene, Al Bell, will have some inside info on the "Blue Box" that people all over the country are using on Ma Bell. Plus a dialogue with Russel Baker and Abbie Hoffman on Fones.



We beg you consider donating a small percent of what YIPL helps you save. One year of newsletters is \$4. YIPL, Room 504, 152 W. 42 St., N.Y., N.Y.



'Blue Box' Is Linked to Phone Call Fraud

By ROY R. SILVER
Special to The New York Times

by Al Bell

MINEOLA, L. I., May 5—

Armed with a court order, detectives of the prosecutor's rackets bureau and telephone company personnel searched the home at 26 Henhawk Road last night. They said they found a small box measuring 5 by 6 by 3 1/2 inches attached to a telephone in the youth's room.

The prosecutor did not say who had made the box. The telephone company said similar devices had been used elsewhere in the country, before.

The telephone company became suspicious when computer cards showing the amount of time used for information calls indicated that some calls were taking much more than the usual one to three minutes.

1	700	900
2	700	1100
3	900	1100
4	700	1300
5	900	1300
6	1100	1300
7	700	1500
8	900	1500
9	1100	1500
0	1300	1500
Start	1100	1700
Stop	1500	1700
Disconnect	2600	

FIG. 1

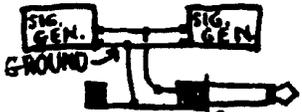
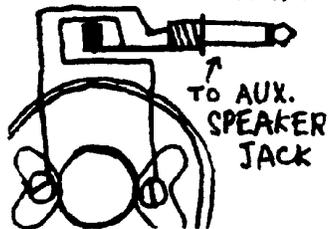


FIG. 2 TO AUX. INPUT JACK



After interviewing engineering students around the country I found that the blue box makes tones that are similar to, but not exactly like a pushbutton phone. Since operators use the same device for putting operator-assistance calls through, the tones were published in the Bell System Technical Journal, 196 Large libraries and engineering schools have the Journal. Like a pushbutton phone, two frequencies make up each tone. One of the "boxers" who was not caught said, "Those people who were caught probably called information, 'bleeped' out the operator and redirected the call with the box, by pressing the buttons of the desired number. I haven't been caught because I call a pay phone, and I never stay on more than 15 minutes. Most importantly, I never use information. I use the Sheraton Hotels Watts Line number, 800-325-3535. Right before they answer, I bleep them out".

But the blue box isn't necessary. A cassette tape machine will work fine. Two signal generators are needed to record a pair of tones for each digit, start, and stop. Record each digit, & you will have a master tape from which to make actual phone number sequences on other machines. One signal generator will work if you make the master on a stereo tape, and play it two channels back together as you record them on the other tape.

For this to work, several rules must be followed:

- Record direct, without microphones, as in Fig. 1.
- Record as loud as possible without distortion. Watch your record meter when making tapes.
- Only use fresh batteries, and don't wear them out.
- A better speaker for playing the tones into phones is a standard telephone earpiece. Where you steal one is your problem, (it's so easy) but plug it into the ext. speaker jack as in Fig. 2.
- Each tone lasts one second, with one second between each tone. However, wait 3 seconds after "bleeping" disconnect tone. Then play KP, area code, number, and ST, in that order.
- Hold your little makeshift speaker close to mouthpiece without moving while playing tones.
- Your electronics friends and young engineers can help you get a signal generator or two to use, and they'll help you record the tones properly.
- The two frequencies of each tone must last the entire one second, and they must start and stop simultaneously.

CAUTION: YIPL does not advocate making free calls. However, YI doesn't believe in paying for calls, either. If caught, you may be charged with fraud and theft of services. So consider carefully whether you need to call long distance, and if you do,, consider whether or not you believe in free speech.

The Dumbest Rip-Off

By RUSSELL BAKER

Dear Abbie (Hoffman, that is):

In reading your latest work, "Steal This Book," I had just gotten to the directions for cheating the telephone company when, following your command, somebody stole the book.

I didn't finish the telephone section and—careless me!—didn't even think to make notes. I do not even remember what size washers you recommended for dropping into pay telephone coin slots to simulate the real thing. What troubles me is something more fundamental. I wonder if you have really thought out the implications of the grand philosophical idea of destroying the telephone company, which underlies your discussion of techniques.

I suggest to you that it is simply not sound, that destroying the telephone company would, in fact, be a severe blow to every member of the counter-culture.

In the first place, you must have noticed, if you have been in England, France, Italy or Bulgaria, that it is extremely frustrating trying to get along in a country with no telephone system. The English will put up with that, the French and Italians will put up with it, and the Bulgarians will have to put up with it, but you know as well as I do, Abbie, that an American, particularly if he is in the counter-culture, needs a telephone the way a monkey needs a banana.

OBSERVER

To the American counter-culturist, a telephone in the hand is as much a part of his uniform as denim, dried lentils and a coiffure from Michelangelo's Moses.

If we destroy the telephone company, who will be the first people to picket the Pentagon to demand a new telephone company? The members of the counter-culture; provided, of course, they can learn to communicate with each other without wires. A new telephone company will inevitably rise to take the place of the old evil telephone company.

There is no reason whatever to assume that the new telephone company will be like the old evil telephone company. There is every reason, on the contrary, to believe that it will profit from its predecessor's fatal errors and do things differently.

For example: Remember last summer when members of the counter-culture were telephoning each other across the continent and charging the calls to Paul Newman's credit-card number? Somebody — was it you, Abbie? — had said that Paul Newman was so angry with the telephone company that he had invited everybody in America to telephone across the continent, using his credit-card

number, so that when he received the bill he could show his irritation with the telephone company by refusing to pay it.

Well, counter-culturists galore phoned long distance, and the telephone company did not become angry. Not at all. It quietly traced each call back to the telephone of origin, often rousing some parent from his parental stupor.

"Those long-distance calls made from your telephone, apparently by your child," said the patient mechanical voices, "represent fraudulent use of a credit-card number belonging to the University of Illinois and not, as the gullible believed, to Paul Newman."

"Fraudulent—?"

"The crime is punishable by imprisonment of up to five years and—"

Well, where breathes there a parent so vile that he would send his heir to Leavenworth rather than pay a piffling \$300 to the telephone company?

The present telephone company is like that. It does not come knocking at the door with a truncheon and arrest warrant to haul away members of the counter-culture. It knows that money is most easily collected from people who are soft between the ears.

"Whether your child serves five years in Leavenworth is entirely up to you, as a parent. Your telephone company, sir, does not make threats."

The next telephone company is not likely to be so indulgent if it has seen the present one collapse because its bill collection policy was too soft-hearted. The new telephone company will almost surely put members of the counter-culture on trial in Chicago for fraud, possibly before Judge Julius Hoffman.

Can you really believe that the new telephone company would continue the present one's practice of saying "Sure" when somebody dials the operator in Boston and says, "I want to make \$800 worth of long-distance calls to the West Coast and have it all charged to daddy's telephone in West Orange, N. J.?"

My bet, Abbie, is that they're going to say, "After seeing how the old telephone company went broke because of a bunch of cheating kids, we make it a policy to call daddy first and ask if your calls are okay with him."

Is that the kind of telephone company that counter-culture really wants? A telephone company that brings daddy into the system before the calls are made, instead of presenting him with an \$800 fait accompli thirty days later?

The present telephone company is the best of all possible telephone companies for the counter-culture. Destroying it would play right into the hands of Mom and Dad. Think about it next time before you reach for one of those washers.

STRIKE THE



WAR MACHINE

Dear Russel (Baker that is):

I just read your letter and was surprised you even saw Steal This Book since no major newspaper, including that well known spokesman for free speech, the New York Times, will accept an ad for the book. None-the-less, the boys down at AT&T must be happy to know they have a friend at the Times. It's true even us yippies don't wish to hatch our coast-to-coast conspiracies using dixie cups with waxed string stretched between them. But if our efforts to sabotage the phone company by teaching people how to make calls free are the "dumbest rip off" then AT&T itself must be engaged in the smartest rip off. Last year their revenues amounted to about 17 billion dollars, give or take a few dimes. They made a 7.6% rate of return on their bread, which in a recession is pretty damn good. To say they function as a cut throat monopoly would be understating the case. I refer you to the excellent book called "Monopoly" by Joseph C. Goulden (\$.95 Pocket Books) for a devastating account of the world's largest corporation. Witness their central role in the military-industrial complex! Laugh off their defiance of citizens and governmental attempts to hold down phone rates! Smile courteously when waiting three hours to complete your next long-distance call! Nod like a robot the next time they explain how they are controlled by their shareholders and customers! To defend their efficiency only leads me to believe you never use the phone. It's a bit unfair to compare the system here to Bulgaria or Greece or even an underdeveloped nation such as England. AT&T's current assets are estimated at 50 billion dollars, which is not exactly pocket change for most countries in the world. Even so, the systems of Sweden and Denmark seem to function better, especially with the speed in which they phase out obsolete equipment. I should also point out that Cuba has an entirely free phone system; and that, Russell, is the point of the whole monkey business of Steal This Book in general. Yuppies think you judge the goodness of nations by their goals. As the level of the technological development increases, the costs should decrease with the goal being to make everything produced in a society free to all the people, come who may. Neat, huh? Until AT&T and the other corporations really become public services rather than power and profit gobblers, we'll continue to rip them off every chance we get. If you want to discuss this further, call me up sometime. Because of all the agencies claiming to have me under surveillance, it's one of the fastest ways to speak directly to your government.

Your voice with a smile,

Abbie Hoffman

Dear folks,

I read your letter that was passed around on May Day. Please start sending me more, I'm very interested in fucking the fucking phone company. I'm mad. Well anyway, I've enclosed a cheque of 3 dollars; please find and send those little sheets as soon as possible. Thank you kindly. up the revo, K.O., Riverdale, Md.

Enclosed is \$1. Could you tell me the signs of a wire tap (hollowness & clicks?). Also, do you have the plans for a device that allows you to make long distance calls free? R.F., Norfolk, Va.

My friend, there is no sure way of detecting a tap. I view the telephone as a hot line to the pork factory. As far as plans, one guy did supply them until he got busted. Using info in this issue, consult a friend on power supplies (regulated) and oscillators.

While I was in D.C. for Mayday, I picked up some info on how to fuck the Bell system. I'm really interested in this because I know how true this all is because I work in the computer room of the phone company. I'm sending \$1 so that I can receive your newsletters. And if there is anything I can do for Y.I.P. just let me know. And if there's any way of fucking up the gov't. in any other way, let me know. J.N., Pa.

Richard M. Nixon-El Presidente

202 456-1444

Spiro T. Agnew-El Toro

202 265-2000 Ext. 6400

John N. Mitchell-El Butcher

202 965-2900

Melvin R. Laird- El Defendo

301 652-4449

Henry A. Kissinger-El Exigente

202 337-0042

William P. Rogers-El Crapper

301 654-7125

General Earl G. Wheeler-El Joint Boss

703 527-6119

Call collect, from a pay phone, people.

Assignment: Monitor the telephone in the suite of Senator Eugene McCarthy at the 1968 Democratic Convention. Agents reported that McCarthy had made a phone call to a "known leftist organization" offering medical help to wounded demonstrators. -Life Magazine study of Army "Intelligence"

In addition to manufacturing Princess telephones, Western Electric makes guided missiles and is a prominent member of the military-industrial complex which so frightened President Eisenhower that he warned against its "acquisition of unwarranted influence" in his farewell address. An examination of Western Electric's defense work shows that the President had ample reason for alarm. Through adept use of a technique called profit pyramiding in the defense industry, Western Electric ran up profits of 31.3 percent on its major missile contracts, while helping the Pentagon accumulate military junk that was never used. Monopoly, by Joseph C. Goulden

Editors Note: We intend to show, through statements such as the above two, how the Bell System has become anti-human to its customers, employees, and just about everyone else. However, it should be noted that these statements are taken out of context, and do not do justice to the case. The whole story is a lot scarier than just a "profit-gobbler". It's a question of accumulation of power and securing that power. You know, great that people are being monitored, but shit, people are being slaughtered. All in the name of money. And since we give them the money, we are at fault. Stop paying and start yelling. See ya next month, phreeks.

Published for informational purposes only by Youth Hot Line Reports, Inc.



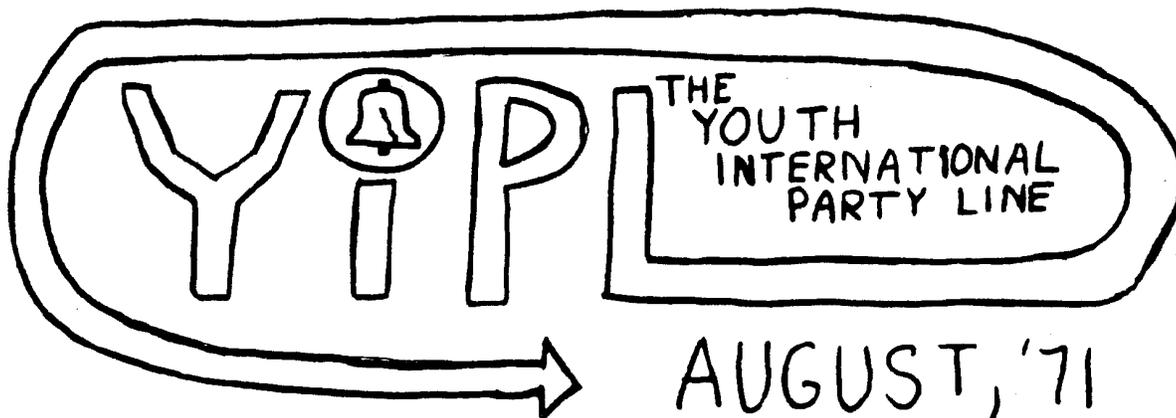
Coming soon-Special PAY PHONE issue.
 A year of issues is \$4. Who cares?
 TAP, Room 418, 152 W. 42 St., N Y 10036

y i p l

TO:

2

IF WE HELP EM
 GOVERNMENT
 GOVERNMENT
 IT IF YOU COULD SEND
 US MONEY & SMACK
 PUSHES SPEED
 IS GETTING
 RICHER
 WE'D LOVE IT
 OR STAMPS
 TO SAVE MONEY,
 THE GOVERNMENT
 THE GOVERNMENT



YIPL PRICE CHANGE!

We are reluctant to announce a price change because we've taken pride in offering the best thing you could buy for a buck. Now we're the best thing you can buy for two bucks. It should be obvious to anyone who takes the time to calculate what twelve 8¢ cost us.

The price change is retroactive. If you can't afford to shell out another buck, it means you're just another exploited serf of Amerikan industrialism, and we'll understand. However, you should know that if we don't get enough, we may have to stop printing. Good cheer.

BELL EMPLOYEES!!!

If you are a Bell System Employee, you know well enough just what a skinflint company you work for. Write us your documented experiences about working for the largest, most powerful piece of shit in the whole world. If you don't work for the phone company but know someone who does, tell them to write us.

Other suggestions might be to post issues of YIPL inside the telephone building or at key places where pissed-off workers are likely to see it.

We want to have specific examples of sexism, racism, anti-semitism, pigism, and any other ism you can think of.

*If a thousand men were not to pay
their tax bill this year,
that would not be a violent and bloody
measure as it would be to pay them
and enable the State to commit violence
and shed innocent blood.*

HENRY DAVID THOREAU

AUGUST, '71 NO. 3

STATEMENT OF PURPOSE

For those of you who don't understand exactly who the hell we are, let me make one thing perfectly clear. We are not them. Now don't misunderstand me. Of course, they could be saying the same thing about us, but certainly not about themselves. To set the record straight, let me remind you not to judge someone by what he says, but by what others don't say about what says about them. Thank you.

YIPL is a non-profit organization, not to be confused with the other fucking rip off organizations that call themselves non-profit. We are attempting to bridge the communications gap generated by monopolies like THE BELL SYSTEM, and American mass media, too. We will spread any information that we feel cannot be spread adequately by other means.

YIPL is a Public Service. And we need stamps and money. And we need your help. Tell your friends about YIPL, and tell them information that you learn here that could be useful. We don't print this shit for a privileged few who pay their money. We send a subscription to anyone who wants one even if they can't afford it. If you attend college, make copies of useful tidbits and distribute them: post at strategic locations. If a half-decent paper exists in your town, have them spread the word. And write us your suggestions and information that you have.



LETTERS TO THE EDITOR

Please mail the Youth International Party Line for one year. Of course, I wouldn't really mess around with the ol' phone, but I'd like to see how those lousy freeks do it! M.L., fonkers, N.Y.

Dear Abbie,
Enclosed is one dollar for the YIPL which we heard about on the July 6 Alex Bennet show.
We hope your nose feels better and that America comes out okay. Love.
P.S.-We have all of your books, they're great. H., Brooklyn, N.Y.

Friends;
Kindly use the enclosed, for a year of the Party Line so highly recommended on BAI last night by Chairman Hoffman. Thanks. A.G., New Rochelle, N.Y.

Hey, I dig what you're doing. Send me those newsletters. Incidentally, I have here two credit card no.s I'd like to share. One is that of a company whose name I don't know, but it is in N.Y.C. It's 535-6025-074A. The other is our friends at IBM, Amant, N.Y. 769-1900-069Z. You may already have one or both, but they are sent to you with fondest wishes that they can be used by the people. Right on, and write on! P.S., Baltimore, Md.

Dear Abbie, Here's a dollar for a copy of the YIP paper. If at all possible, could you send me a copy of "Steal this Book". I'm a single mother of three children and use the info on ripping off the super market (food stamps help a little but they're not free). Thank You. S.C., Corona, N.Y.

FUCK THE MAIL



Guess what, freeks? The world's biggest pusher, our own Uncle Sham, is teaming up with it's rain and shine people at Wells Fargo to supposedly stop drug abuse! This is part of it's good guy campaign that was started in an attempt to discredit the whole Viet Vets against the War movement, by making middle amerika think every GI has a needle in his arm.

Anyway, we're only mentioning the post office cause it seems a lot of out mail is coming to us in strange condition, like open, empty, and mutilated. We'd like to take this opportunity to gratefully thank all those responsible. The hate they incur keeps us going.

To fight back, YIPL readers are putting their stamps 1 & 1/2 inches lower on the envelope, thus escaping the postmark. Remember, freeks, recycling will save the world. And they are SPREADING THE WORD.

Drug Abuse prevention week is scheduled for October 3-9. Yippies all over will be refusing to shoot up all junk with the U.S. Govt. inspection label on it.

Anyone subscribing to YIPL should be aware that they are probably under observation by the FBI, the Phone Company, and their local precinct. For that reason, we strongly urge that you be wary of your telephone, because if you're doing anything that's against the LAW, that's how they'll try to get you. They've got your number.

THE PRIVATE EAR

It has recently come to our attention that a new device for invading your privacy is on the market. Called the Telecommand, this device is only an extension of what was formerly available to law enforcement officers. The Telecommand attaches to your phone internally, and whenever they want to bug your pad, they just call up and send a tone into their phone before they dial the last digit of your number. This automatically picks up your phone before it rings. Now your phone, which looks like its just sitting there hung up, is really live and listening to everything going on within earshot. When he's heard enough, he simply hangs up and your phone is back to normal.

Recently, Screw magazine revealed that Nassau County D.A. Cahn had purchased several thousands of dollars worth of surveillance equipment, including the telecommand. And this will probably be followed by police departments all over the country.

I don't think I have to explain in detail just how fucked up it is for a D.A. to eavesdrop on the county he is supposed to be serving. What's worse, the equipment is paid for by county taxes, just as Federal taxes pay for the F.B.I.'s versions of the same shit.

It should be realized, however, that the Telecommand is only a remote-control extension of what the Telephone Company has been using for years. Previously the police or F.B.I. had to listen from inside the Telephone Company building. Now they can listen from the pay booth across the street. The results are frightening. They can wait for just the right moment to break down the door and catch you smoking pot, for example.

It is believed, furthermore, that computerized networks for tapping are being set up across the country. This would mean J. Edgar himself could simply dial out your number from his office and the tap would automatically be activated.

And if you don't think that they have the capability to monitor thousands of people at the same time, just remember that in a whole year, your cumulative total of phone time is probably only a few hours. Tapes stored for future reference could be quickly scanned for incriminating statements.

Clicks are only a sign of an amateur tap. Do not ever assume that your phone is safe, even for a moment.

And if you don't believe it-

Arthur S. Brewster is division security supervisor for the Southwestern Bell Telephone Company, assigned to the Kansas City office. He is a lawyer and since 1950 has had the responsibility, among other things, of assuring privacy of the hundreds of thousands of subscribers to the company's service. Brewster's relationship with the FBI was a close one; when the Long committee subpoenaed him to testify, he notified the FBI's Kansas City office.

Senator Long: Do your employees ever go with the FBI men when they were disguised as telephone employees?

Mr. Brewster: I will put it this way. I think there were some bureau men who went with the telephone company people. They had on old clothes and those things....

Senator Long: Do you do this for private detectives?

Mr. Brewster: No, sir.

Senator Long: Why not? It is a public service.

Mr. Brewster: I would have to have a lot of explanation....

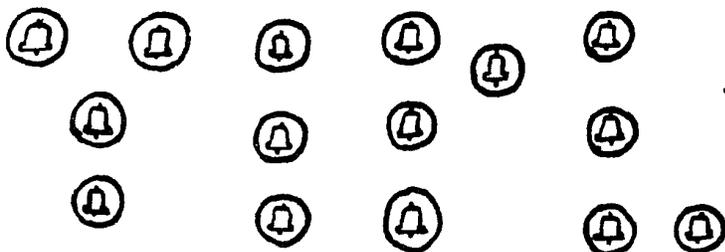
"I should like to ask the Senator from Utah whether the telephone company has offered him the kind of proposal that it has offered me?"

"Has the Senator had proposals made to him that he could own a telephone building in his state and that the telephone company would make the loan and endorse the loan to build a building in a big city in his state just on the assurance that the Senator would give sympathetic consideration to the company's problem, if he would go along with them, and that the company would then build the building and endorse the mortgage loan and engage the bank to make the loan with the probability that he would wind up eventually being worth \$5 million or \$25 million? Has my good friend ever heard the saying, "Keep the price as high as the traffic will bear?"

"Did it ever occur to the Senator that he might be one of the only members of Congress who has never had the opportunity to own a telephone building?"

-Senator Russell Long, on the floor of the Senate.

Friends, are you disillusioned with the System? Beat it.



SEPTEMBER '71
VOLUME 4
THE
YOUTH
INTERNATIONAL
PARTY
LINE

SPECIAL PAY PHONE ISSUE

It is important that we understand the basic fundamentals of the Pay Phone before attempting to abuse this noble species. Fig. 1 shows the standard, or "old" version. More plastic parts are used on this model, making the coin returns, for example, very attractive targets for cherry bombs. Note three slots for depositing money. A nickel, when dropped, produces a "ding", a dime makes a "ding-ding", and a quarter, you guessed it, makes a "gong". The sounds are heard both by you and the operator when they occur. Money deposited during a call on this phone drops several seconds after you hang up, on a pulse by the operator, who can send it to you by coin return, or to them via the coin box. Fig. 2 shows the phone the Bell people designed to eliminate YIPL. (So they thought!) To prevent us from tape recording the dings and dongs, this model uses "beeps", and you can't even hear them. BUT,

if you call a friend and stick in money while you're talking, he will. Thus, he can record them. Fig. 3 shows you how to directly record the tones from the phone at your friend's house. Using a microphone doesn't work well enough. Never play beeps into an old phone, or dings into a new one, because the operators know. Operators know the prefix (first three digits) of the phone you're on, and they know if you're at a pay phone. They know when to suspect something if you're not careful, and they sometimes put stakeouts on booths frequented by yippies.. Keep moving around. See issue #17.

The polarity of the pulse the operator sends to drop coins determines where it will go. If the incoming wires of a phone you know are exposed, you can reverse the crucial two and get money back each time she tries to collect it. There are only 4 wires, and the ones to reverse are usually black & yellow or black & red. This only works till the collecting dude comes and finds the box empty. See issue #15.

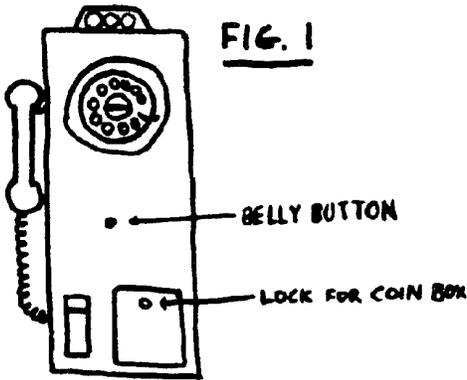


FIG. 1

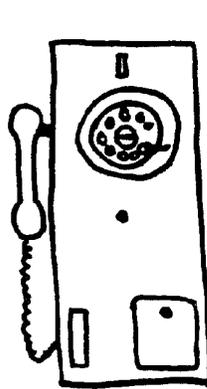


FIG. 2

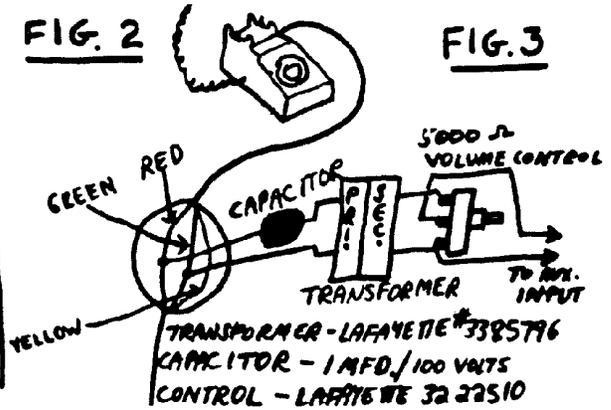


FIG. 3

LETTERS TO THE EDITOR

Dear YIPL:

Here's my request for a subscription to your monthly newsletter. I wrote to Abbie last week after reading his "Steal This Book!" I told him of a way to pick up loose change from the phone co.

Immediately after someone has paid for a long distance call, you enter the booth and drop another dime or slug and call a number you know will be busy. You can call the next booth if there are two. Just leave the phone off the hook. If you are quick like a rabbit, and drop the dime before the previous caller's money drops when you then hang up after a busy signal, you'll get your slug back and all the change the first guy dropped. Naturally you should then mail it to the phone company in order to stay honest. P.H., Phoenixville, Pa.

YIPL TIP-Another number that will be busy is the one you're on, so dial the one that's staring you in the face. Also, if you're the guy who was in first, it's even easier to put in a dime at the end of your call & get your bread back, 'cause you don't have to rush into the booth. You're already there!

Hi--

Yeah, put us on the list for phone info.

Operators in this area are starting to ask credit card callers from phone booths the area code of the city in which the card is issued. In other words, say some varmit is calling on phony # 536-8445-007-H, the operator will want to know what city (007= Boston, right?) and it's area code (617)? Mad Funk Collective, Tucson.

NEWS **BULLET** IN: BELL-CWA TALKS

AGAIN STALEMATED AS BELL COMPLAINS
OF EQUIPMENT SABOTAGE. FAR OUT!

abbie hoffman on pay phone justice.

"You can make a local 10 cent call for 2 cents by spitting on the pennies and dropping them in the nickel slot. As soon as they are about to hit the trigger mechanism, bang the coin-return button. Another way is to spin the pennies counter-clockwise into the nickel slot. Hold the penny in the slot with your finger and snap it spinning with a key or other flat object. Both systems take a certain knack, but once you've perfected it, you'll always have it in your survival kit.

If two cents is too much, how about a call for 1 penny? Cut a 1/4 strip off the telephone book cover. Insert the cardboard strip into the dime slot as far as it will go. Drop a penny in the nickel slot until it catches in the mechanism (spinning will help). Then slowly pull the strip out until you hear the dial tone.

A number 14 brass washer with a small piece of scotch tape over one side of the hole will not only get a free call, but works in about any vending machine that takes dimes. You can get a box of thousands for

about a dollar at any hardware store. You should always have a box around for phones, laundromats, parking meters and drink machines.

Bend a bobby pin after removing the plastic from the tips and jab it down into the transmitter (mouthpiece). When it presses against the metal diaphragm, rub it on a metal wall or pipe to ground it. When you've made contact you hear the dial tone.

Put a dime in the phone, dial the operator and tell her you have ten cents credit. She'll return your dime and get your call for free. If she asks why, say you made a call on another phone, lost the money, and the operator told you to switch phones and call the credit operator.

This same method works for long distance calls. Call the operator and find out the rate for your call. Hang up and call another operator telling her you just dialed San Francisco direct, got a wrong number and lost \$.95 or whatever it is. She will get your call free of charge.

You can make a long distance call and charge it to a phone number. Simply tell the operator you want to bill the call to your home phone because you don't have the correct change. Tell her there is no one there now to verify the call, but you will be home in an hour and she can call you then if there is any question. Make sure the exchange (prefix) goes with the area you say it does.

You can make all the free long distance calls you want by calling your party collect at a pay phone. Just have your friend go to a prearranged phone booth at a prearranged time. This can be done on the spot by having the friend call you person to person. Say you're not in, but ask for the number calling you since you'll be "back" in 5 minutes. Once you get the number, simply hang up, wait a moment and call back your friend collect. The call has to be out of the state to work, since operators are familiar with the special extension numbers assigned to pay phones for her area and possibly for nearby areas as well. If she asks you if it is a pay phone say no. If she finds out during the call (which rarely happens) and informs you of this, simply say you didn't expect the party to have a pay phone in his house and accept the charges. We have never heard of this happening though.

If there are two pay phones next to each other, you can call long distance on one and put the coins in the other. When the operator cuts in and asks you to deposit money, drop the coins into the one you are not using, but hold the receiver up to the slots so the operator can hear the bells ring. When you've finished, you can simply press the return button on the phone with the coins in it and out they come. If you have a good tape recorder (cassette) you can record the sounds of a quarter, dime and nickel going into a pay phone and play them when the operator asks you for the money. Turn the volume up as loud as you can get.

MONKEY WARFARE

"If you like Halloween, you'll love monkey warfare. It's ideal for people uptight about guns, bombs and other children's toys, and allows for imaginative forms of protesting, many of which will become myth, hence duplicated and enlarged upon. A syringe (minus the needle) can be filled with a dilute solution of epoxy glue. Get

the two tubes in a hardware store and squeeze into a small bottle of rubbing alcohol. Shake real good and pour into the baster or syringe. YOU HAVE ABOUT 30 MINUTES BEFORE THE MIXTURE GETS TOO HARD TO USE. Go after locks, parking meters, and telephones."

A word about this. If someone has to make an emergency call, think of what pouring the shit down the coin slot would have done. A good way to use monkey warfare is to keep thinking, "How can I fuck the pigs, and help my sisters and brothers?" It then becomes obvious to glue the lock on the coin box, so they can't collect. And if you jam up the entrance to a parking meter slot, people can park there for free and have a ticket-saving excuse.

Steal This Book, vital to say the least, can be had despite the dealer boycott. Send \$2.25 to TAP, Room 504, 152 W. 42 St. N.Y., N.Y. 10036 10012

When sending in phone bills, or income tax returns, forgetting to put a stamp on the envelope won't hold up delivery. So when you do such things, save 8¢.

Friends, we are starting to compile a list for shoppers of products made by pig industries and war-supported companies. Send in your own list. We'll publish the whole bunch soon.

IT SEEMS THAT PLACING STAMPS
1 INCH LOWER ON AN ENVELOPE
AVOIDS A POST MARK.

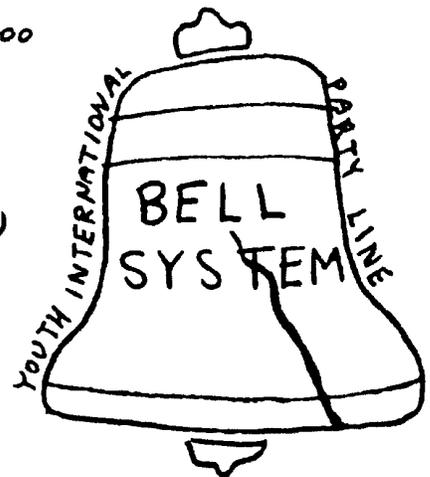


YIPL

CIRCULATION: 400

DO NOT READ THIS!!

OCTOBER,
1971
VOLUME 5



Church Withholds Phone Tax

The congregation of Hollis Unitarian Church escalated its protest against American war policies yesterday by not paying the federal excise tax portion of the church's monthly telephone bill.

"The war, and only the war, makes this tax necessary," said the church's minister, the Rev. F. Allen Wells Jr. "It has become, more than any other tax, symbolic of the war."

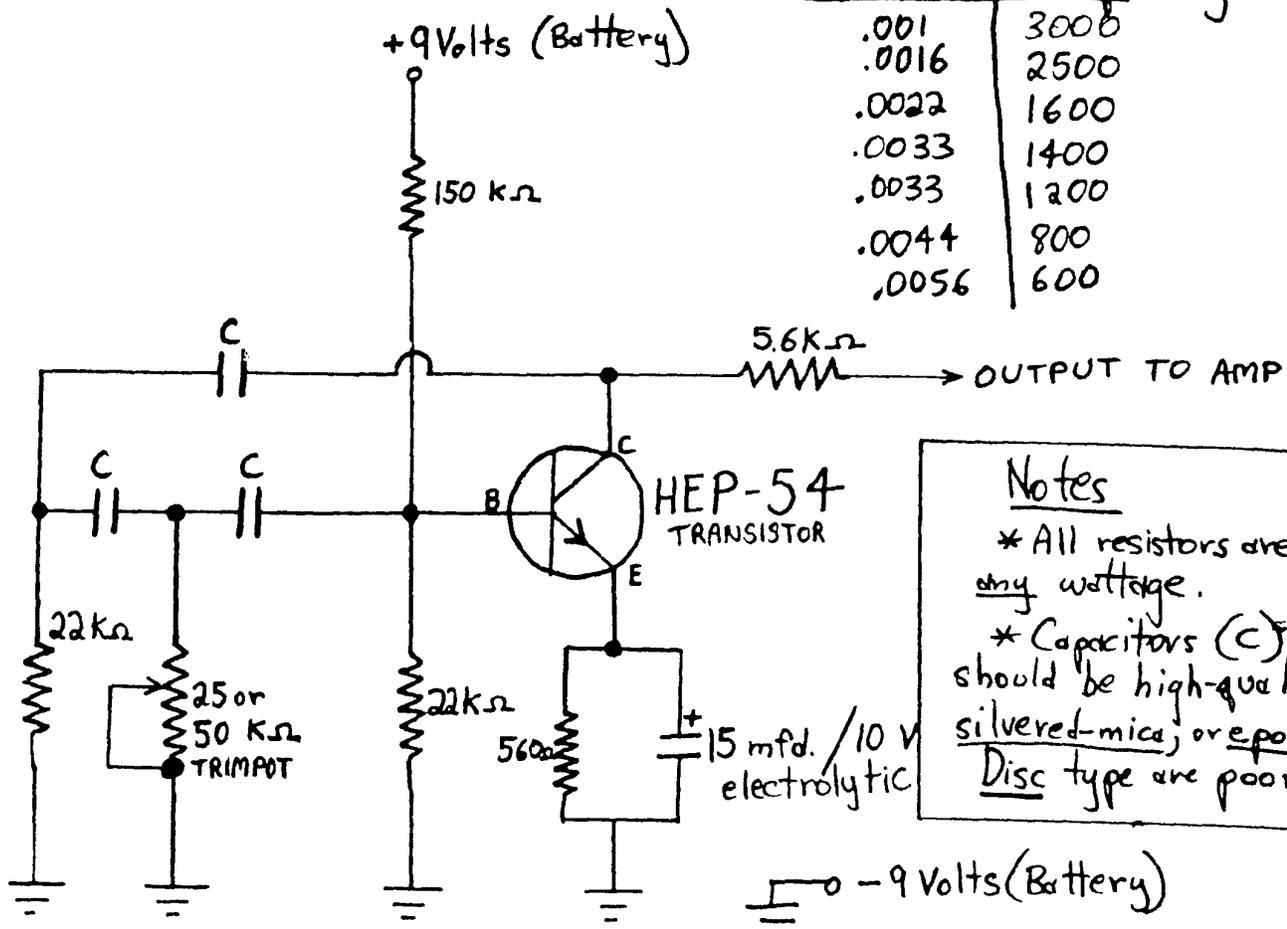
WAR TAX RESISTANCE
339 Lafayette Street
New York 10012

REMEMBER THE BLUE BOX?

We have received, in response to the blue box story, requests from many people for schematics. We have no such schematics, and would not publish them if we did, for that would be unlawful activity.

The following is a reader-supplied schematic for well-known phase shift oscillator. This transistor oscillator can be operated from a 9-volt battery, but its output is not sufficient to feed a speaker. Next month we will show a mixing and boosting circuit for amplification through a speaker. This circuit is used in the 500-5000 cycle range and as such makes an easy-to-build, low-cost, toy organ.

C (mfd.)	frequency
.001	3000
.0016	2500
.0022	1600
.0033	1400
.0033	1200
.0044	800
.0056	600



Notes
 * All resistors are any wattage.
 * Capacitors (C) should be high-quality silvered-mica, or epoxy. Disc type are poor!

Questions:

- 1-How can I get around paying a \$50 installation deposit?
- 2-How can an extra line be installed?
- 3-Is it easy to get electrocuted if you have a phone in the bathtub and it falls in?
- 4-Credit card #'s of environment-destroying companies(oil, chemical).

You can only get a free extra line if you know someone in your local exchange who can pull it off. If you're daring, extend your neighbor's wires from where they connect into his house. If you are living in a college dorm or apt., ask a friend if you can use his/her line, & run a 2-conductor wire to your conference switch(issue no. 1). If you don't have any friends where you live, and you need an extra outgoing line, the junction box is a good access point to other lines. Usually, the lines all connect from outside to the individual rooms in this box or mini-closet. The lines connect via 4-conductor cable, 2 conductors of which are used. The remaining two are cut off or wrapped around the cable in the box, and are present in the wall box in your room. Connect your spare pair to some straight's line, and in your room connect to a conference

switch. When he goes to sleep at 11 on the dot, you're free to call out on his number. Don't leave the box connected up that way all the time or someone might spot it on a check.

We doubt a phone can electrocute you in a bathtub, but since they're not allowed to install a movable phone in a bathroom, take a tip and mount your phone somehow.

When some readers send us a few tested numbers, we'll print them. And if anyone knows how to get away without paying the deposit, write us.

YIPL TIP- Go into a big pig hotel sometime if you need a phone. They have them in lobbies for calling within the building. If they're in a bad location, go up a few flights. They probably'll have them in the hall near the elevator. Bring a knife or scissors, and a shopping bag.

Although there are some cool phone repairmen around, many are to be feared. If you have a repair or installation visit, don't leave dope, non-Bell phones, or subversive literature just lying around, or he may report you to his supervisor for suspicion. That may result in a bust, through cooperation with the local precinct, or a tap on your line. This isn't paranoia, it's fucking good sense.

HOW NOT TO GET CAUGHT MAKING FAKE CREDIT CARD CALLS

Bell Telephone, subsidiary of AT&T with 1970 assets of \$49.6 Billion, the world's biggest pig corporation, is losing millions monthly on fake credit card calls. They are not taking it lightly. Their methods of attempted repression would make the FBI proud. Here's how they work it.

First, the phone company sometimes makes the operator that took a fake credit call attempt to trace the caller. They tell her/him that they will take the cost of the call out of their salary if she doesn't try to find out who made the call. The operator will call the number that you placed the call to, attempting to track you down. Obviously only make credit card calls to people you trust not to reveal your identity. When an operator calls you inquiring about a credit card call, have a story ready. If she (or he) sounds friendly, use a story like, "I only know their first name was George and he was calling from Boston, operator." If a nasty supervisor bitch calls, be nasty offensive. You don't have to give out any information. Usually they want to know whose name the number is listed under. Let them find out the hard way. Sometimes they ask if your mother is home. Sometimes they guess who called and bill them by examining the past accounts of the person called to see who has called previously from the same city as the credit card call was made from. Sometimes they bill the number called. Sometimes they put it on the bill as a third party charge or a collect call. REFUSE TO PAY. Keep track of the calls you actually do make and the credit card calls you receive (so you can refuse to pay them).

If the operator gets a lead to who made the credit card call, she turns the name over to the telephone security division. They have special security pigs that can spend their full time tracking us down. They will stop at nothing. They stakeout phone booths; don't always use the same location to call from. In some states they are allowed to tap your phone if there is a case of "defrauding the phone co." And of course they tap phones in all states whether they are allowed to or not. Their easiest victims are highschool and university people. They investigate with the cooperation of the school pigs. In high schools they work with the principal. They call the suspected person into the office and give her/him the third degree, promising not to prosecute if they will tell the pigs everyone else making credit card calls. Divide and conquer it's called. At universities, the special telephone security pigs work in conjunction with the campus cops. They may follow you around and attempt to question you. YOU DO NOT HAVE TO TELL THEM ANYTHING! Refuse to talk without your lawyer present. Above all, do not sign anything. They try to get you to sign a confession just like in the movies. Don't be intimidated by these junior fascist. Throw tomatoes at them; put sugar in their gas tanks. All power to the imagination!

The way we make credit card calls is as important as knowing the system. Operators take many real credit card calls daily and know what the average call sounds like. The average caller is Mr. or Mrs. Pig Businessperson. They come on fast and usually have the number memorized. It sounds suspicious if you sound suspicious if you sound like you are reading it off, or if you say, "841 dash 7767 dash 167N." The beginning numbers are a phone number and should be read as "841 7767" with the last part read as a single unit, 167N. A good opener is, "Operator, credit card call. My number is 893 4452 359J. The number I wish to call is 777-8787." Don't hesitate, memorize your credit card number, and have all the info handy.

Do not call from your home phone. When making a credit card call, you do not have to give the operator the number you are calling from. If she asks, change the last digit or Operators usually only know the prefix you are calling from. She may say hold on, and call the number you give to see if it's busy. So if you call from a pay phone, which you should give her the number of your pay phone, it's cool.

The July 16 (issue 104) BERKELEY TRIBE has much more good info on telephone procedures in ripoffs!

BACK ISSUES cost 50 cents each. Think about it.

- No. 1- Credit card code, installing conference lines and free extensions.
- No. 2-The Blue Box Story, dialogue with Abbie Hoffman and Russel Baker on Phones.
- No. 3-The Telecommand, and other shit.
- No. 4-Special Pay phone issue.

Confucious say; "Those who receive YIPL should have small mouth when on telephone."

Now that you're done with this issue, please pass it on to a friend, or post visibly.

CIRCULATION 500+

YIPL

VOLUME 6
NOVEMBER'

YOUTH INTERNATIONAL PARTY LINE



"As I told the tribunal at Nuremberg, I did not know that Hitler was a Nazi. For years I thought he worked for the phone company."

A few of you have written us asking if the Esquire article is factual. It is. However, some numbers have been changed to protect the innocent. For example, the loop numbers have been changed by the telephone company. And they may change others because of the article. But the box works, and the explanation the Esquire article gives is correct. Including when they say that calling information from a home phone and using a box is not wise. If you want to make a box like Gilbertson's, see letter's column.

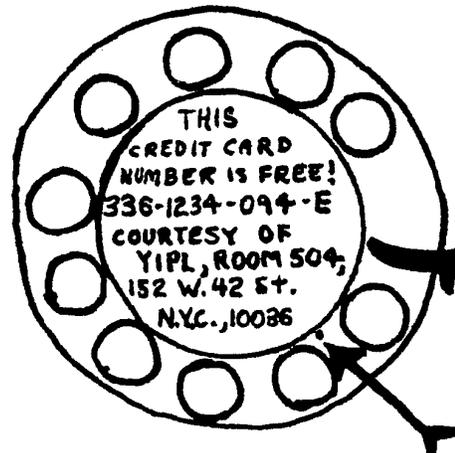
Some readers have been having trouble using the blue box tones on pay phones. One reason is that an intercepting operator might hear the tones and suspecting a malfunction of the tones and suspect a malfunction in the equipment (a common occurrence). She then cuts you off. You don't however, always run into an intercepting operator. If you dial long distance information (area code, 555-1212) or if you call late at night you usually have a better chance of getting through. Also realize that the fucked-up phone system cannot handle all the calls in the U.S. on certain nights. Friday, Saturday, Sunday, and Monday all suck. Expect to get a busy signal or operator recording on these nights.

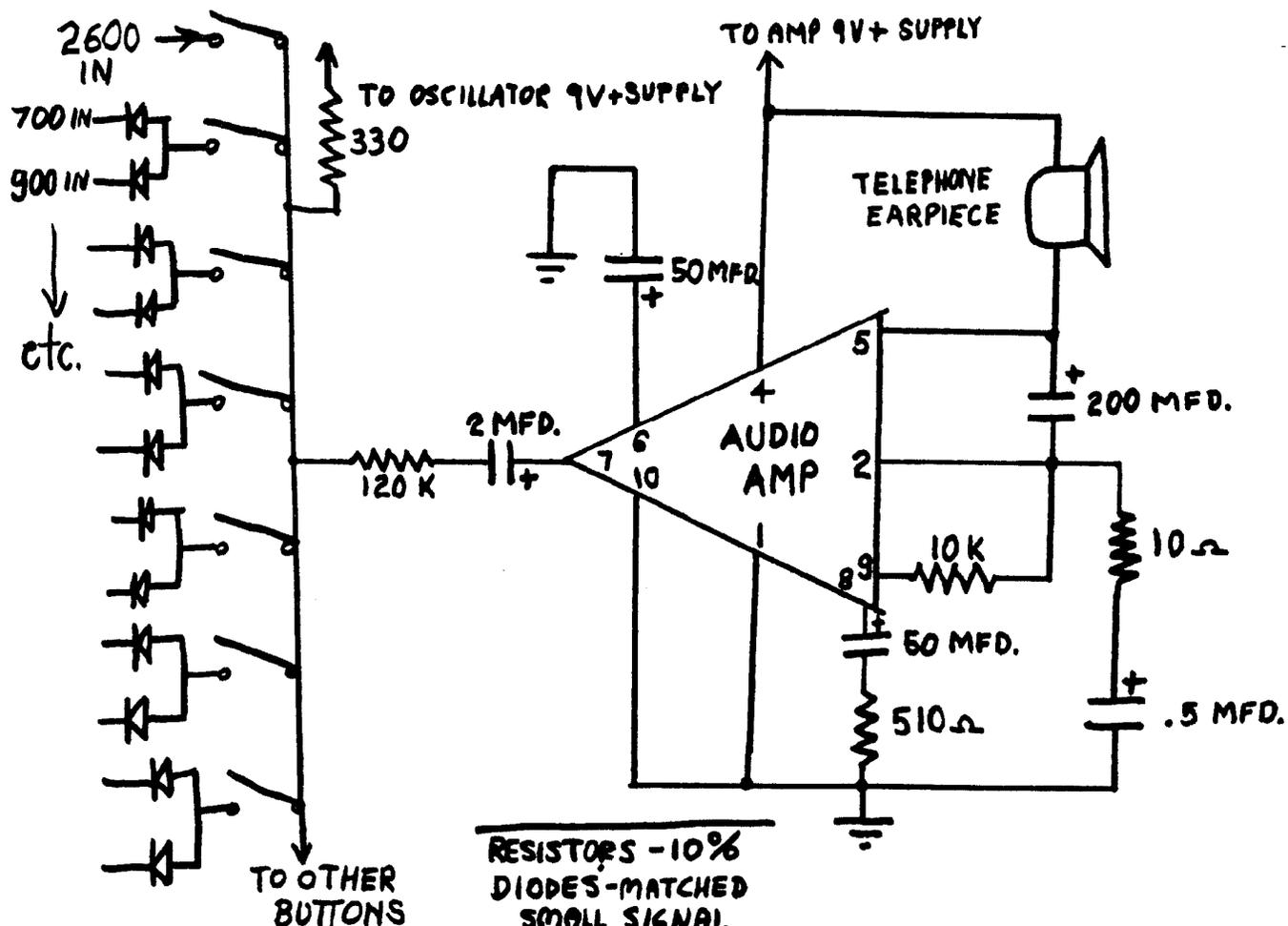
A box works better on a home phone, but it is of course more dangerous that way. Next time our relatives invite you over, call from there and they'll never get hassled for one call, if the phone company even manages to trace it. An old couple won't be charged with using a box if you connect onto their wires in an apartment building basement. Always use an 800 number, like 800-243-1111 when calling on a non-pay phone. But please, don't call on your own line. That's asking for trouble.

Dear YIPL,
Just got your newsletter today, far fucking out. I hope you keep up the good work. A good way to fuck up a pay phone is as follows; Take the pin off the back of a YIPPIE! button and turn the dial all the way around, stick the pin into the little hole (see arrow), press down hard on the pin and turn the dial clockwise, and the dial comes right off. YIPPIE! C.T., N. Kingstown, R.I.

Dear YIPL,
Here's a supplement to that pay phone dial ripoff. Heat the pin point for about 3-5 seconds with a lighter or match; It will make it simpler to push thru the hole. And instead of removing the pin from the back of the button simply bend it up and use the button as a handle. And when you get the dial off put all kinds of revolutionary slogans on the paper number disc or make up your own. Here's an idea for all the beginning YIPL's. Check the obituaries in the local papers for dead single people, then find their phone number, and call like crazy giving the deceased's phone number to the operator. Make sure the stiff doesn't have a family. They have enough to worry about without being bugged by the phone company. If a person dies after the phone bills come out you have a full month before the company catches on. Fuck the System C.T., N. Kingstown, R.I.

-Good ideas. Also put working credit card numbers on the dial paper to help out people who visit that booth. You might also want to write YIPL's address down.





RESISTORS - 10%
 DIODES - MATCHED
 SMALL SIGNAL
 BUTTONS - SPST MOM.
 AMP - TAA300 - RADIO SHACK
 #2768016

NOTES

This mixer-amplifier uses 24 diodes to produce 12 separate tone pairs without mixing them at their source. Each diode is silicon, low current, and the pair should be matched if possible. A single pure tone needs no diodes, of course.

A telephone earpiece is a perfect, low cost speaker for this unit, and has the added advantage of coupling tightly with a telephone mouthpiece if you want to play this instrument to your friends, over the phone.

A 50K ohm trimmer tunes each oscillator. All parts in this project are 10% or better tolerance, but the capacitors should be drift-free types (mylar, epoxy, or mica), or else the oscillators will detune easily.

Two batteries are recommended for ease of construction and stability of tone.

This simple mixer and amplifier can be used in the electronic organ described last issue. 1) Power to the speaker will be lost at low frequencies if a suitable enclosure is not used. A small metal or plastic box is fine. The box can, of course, contain the rest of the parts. Tones can be found for suitable notes in any sound engineering manual.

2) If played into the phone for any reason, the speaker should be lined with a circle of foam to form a good seal that is held tightly to the mouthpiece.

YIPPIES: In case you're bored one night, call Miss Weston (collect) and tell her you would like to join Diners Club. 212-245-1500.

Issue #7

Dec.-Jan. '72

CIRCULATION 500

"A Wealth of Slime"

YOUTH INTERNATIONAL PARTY / LINC



Y.I.P.L.-

This establishment fuck is beautiful, it has worked everytime, for everyone. It will work especially well now around Christmas time. Just go into a large store, pick something off the shelf (packaged) and quickly walk over to the cashier and tell her you would like to return this item. Since you have no sales slip (you received this as a gift and already have one) the sales girl will give you a merchandise credit and you're free to look around and choose anything your crooked little heart desires. Also, if its extra cash you want & need, save sales slips when you do shop and after Christmas do the same thing as above but now you have a sales receipt-make sure its for the same amount please-so the cashier will give you cash if you can't find anything you want to exchange it for. Its really a rush! Remember, Always Look, Act and Speak Confident! Love and peace from K&B, Florida.

Dear YIPL,

My name is _____, presently I am being held prisoner by Monroe State Reformatory, hopefully not for very damn longer, it's hard telling because I am on appeal, who knows how long they can take on a appeal these days. Several months ago I mailed you some stamped envelopes, so that I could get onto your mailing list. Well, low and behold I received an issue today, and I find it extremely interesting, I received November's issue #6. I am going to try to send you a few more stamped envelopes with this letter, they are about the only assets I have right now and I'm pretty broke to tell the truth. The State "gives" us three stamped envelopes a week, and so you get to saving them up for trading and such, but it takes a while. So I hope that they come to use for you.

I was wondering though, if it would be possible to send me any back issues, I sure would appreciate it. I can dig finding out about installing phones, in and around and under different conditions.

You can hook into anyone's phone terminals on the outside of their house, or apartment building and dial away. You can also use them on bare terminals which are in most outside phone booths. You can only dial locally or get an operator this way, but place a long distance call and when the operator asks for the money drop it into the phone and let her hear the dings (only works on old style ones) cause you can get the money back by pushing the coin return. If you are really cool, carry the handset when you travel and just climb any telephone pole and connect in and dial away.

By the way, stay cool on the blue boxes, they are starting to crack down and many phreaks have been busted.

Another idea-it's time for new telephone books now. Check into working to help deliver them. At the distribution site (a boxcar on a railroad station) someone is supposed to check everyone who takes books, but no one does. A VW full of books gets \$10 here at the Junk Company for paper salvage. Last year I knew two dudes who got 34 van loads in 2 1/2 days work. That's an easy 340 dollars. Best to make sure you got a dishonest junk man-most of them are though. -T.M., Arlington, Va.

**Babeon in South Africa
Takes Over' Phone System**

CAPTOWN (AP) — Subscribers at Kloof Nek Forest were left to wonder about the new bug in the telephone system when bells rang for no reason and some heard only barks, growls and sucking sounds.

A babeon had gotten into the unattended exchange. It pulled instructions from the wall pressed every button on the switchboard, spilt milk on the floor and finally ate the only pen of Michael Anhauser, the operator who had left for a few minutes.

"I don't know what to put in my report," Mr. Anhauser said.

Tuning Your ORGAN

Probably one of the hardest parts of constructing our toy organ is finding a tuning method. One proven method is to use an electric organ. However, many of these are unstable and may have drifted. The Hammond B3 or C3 is a good instrument to use. With the highest drawbar pulled out only, the following notes, starting with the low F, closely agree with the frequencies specified.

F5 697 Hz.
 A6 880 Hz.
 C#6 1108 Hz.
 E6 1318 Hz.
 F#6 1479 Hz.
 G#6 1661 Hz.
 E7 2637 Hz.

A better idea is, of course, to use an accurate signal generator. If the generator is off, you can calibrate it by using A=880 Hz. Or, Ma Bell herself can help you. A touch tone phone operates very accurately with each row and column having a single frequency. To get 697 Hz, simply press any two buttons on the top row.

1	2	3	- 697
4	5	6	- 770
7	8	9	- 852
*	0	#	- 941

To tune a signal generator with a touch-tone phone, connect the generator output to the two microphone terminals in the phone handset, press 1 and 2, and tune generator until "beats" stop. Generator is now putting out 697.

Several YIPLs have written us that the original oscillator schematic has unnecessary parts for temperature stability. We have found that best results necessitate these parts because pay phones are often in cold parts, and one would not want to call a friend long distance just to play him an out-of-tune organ, now would we?

Published for informational purposes only by Youth Hot Line Reports, Inc.

For those of you who are interested in obtaining the original information on boxing, the Bell System Technical Journal, in 1960 or in 1961, put out an article called Multifrequency signaling systems. You might find it in an engineering library, if Bell doesn't find it first. We would appreciate it if an astute Yipler would go there armed with a razor blade, and after liberating the article, send it to us for publication. We will return it to her/him.

A subscription to YIPL costs \$4/yr. if you got.
 TAP Room 418, 152 W. 42 St., N.Y., N.Y. 10036

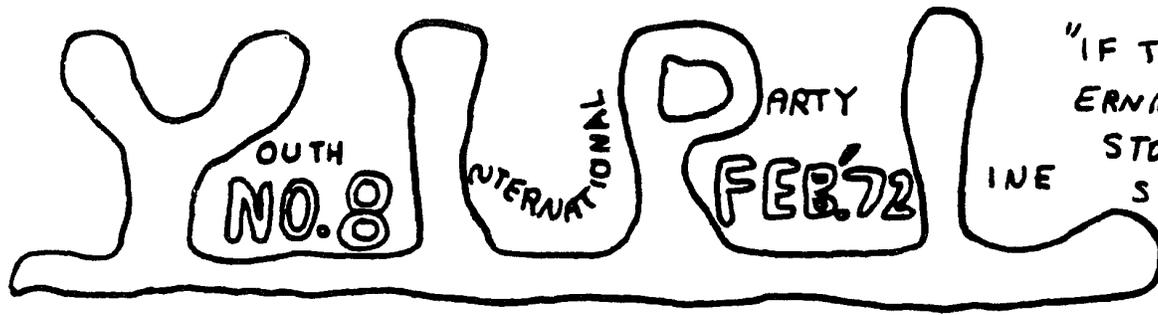
From Chicago Tribune, Feb. 2, '72

He Had Their Number

A Los Angeles man who figured out how to tap himself into Pacific Telephone Company's computer by using his push button phone was arrested Tuesday for stealing more than \$1 million worth of the company's equipment. Police said Jerry N. Schneider, 21, had been ordering the computer to have equipment sent to a company warehouse where he had acquired keys, and he picked it up in the early morning hours before warehousemen arrived. The gambit became so successful, police said, that Schneider started his own business selling telephone equipment, and had hired 10 employees to help him.



"Help! Help! I'm out of order!"



"IF THE GOVERNMENT DOESN'T STOP IT, WE'LL STOP IT!"

Blue Box Fans! Want a groovy new way to send your beeps into the pay phone downstairs, with lower distortion, and less risk of being overheard? An induction coupler, Model PC-48, \$9.95 each, is available from Trinetics, Inc. 807 W. 3rd St., Mishawaka, In. 46544. It slips over the ear-piece (that's right) and can also pick up conversations for taping. But keep at least a speaker jack on your box for tuning, because tuning a box over a phone line, even on a local phone call, is definitely not cool.

Credit for the Credit Card Code Article inside must be given to you readers, and to the newspapers around the country that are risking their neck printing it up, we say thanx. Which again proves if we contribute to each other, we all benefit.

Keep sending in suggestions for the following: Corporation ripoffs, establishment fucks, healthful hints, names and addresses of our friends who wish to be known, new services, new outrages, new devices and plans for them. You're having trouble with finding #14 Brass washers (dime-size) and we know about it. Some stores have them listed as 1/4" I.D., or as 11/16" O.D. washers. Some will refuse to sell to freaks, so have your respectable-looking friends go in and play plumber, or call in orders and then play messenger. Send us results, and all of you do a study on where they work, what machines require tape over the hole and stuff like that. We're compiling material for an article on using, making and living on slugs. Get with it!

LETTERS (CONTINUED ON NEXT PAGE)

Dear YIPL,
Here's a suggestion for YIPL readers: One very good way to obtain extra phones is to get them out of empty apartments from non-phreak friends who have had their phones disconnected but not removed. Here in Gainesville Ma Bell doesn't remove phones from empty apartments until new tenants move in and order their own phones. The servicemen simply take what's there, and if its not there it doesn't matter because Ma Bell doesn't keep good records in Gainesville and probably most other collegetowns where people are moving all the time. G.P., Gainesville, Fla.

Dear YIPL,
.....LOVERS LETTER is a monthly publication offering practical, realistic advice for men on the art of love. LOVERS LETTER tells where to find girls, how to approach them and how to make them like you. We also give frank advice on how to establish satisfying love/sex relationships. A subscription is \$10/yr. LL publishing Co., Box 5834-H, Bethesda, Md. 20014.
-YIPL readers- We checked this out and if its in your pipe it ain't too bad. If you want, free further details are available on how to sell subscriptions.

IMPORTANT NOTICE

There is a credit card system used by the phone company called the Code Billing system. A sample number is 014-5742-019. The first number must be 0 or 1, and the last three numbers must be between 001-499. Say to the operator "Code billing operator. My number is If they ask what company it is, make one up, or hang up. Of course, call from a booth. This is under test now, so let us know what happens.....

Y.I.P.L.:

Rip offs that what you are, I send you a check, you cashed it and never send me anything.

I hate getting rip off by anyone, and I'm going to do all that I can to let the people know what you are. This is the fourth letter that I have send you, you had have more that enough time to fix everything. Well this the last letter that I will send you, and I hope you enjoy all your going to get. Rip off! R.N., Bronx, N.Y.

Friends:

I'm a high school student in N.J. and one day last week they herded us all into the auditorium were this very straight dude from N.J. Bell proceeded to give us a speech about all the wonderful things we have to thank them for (Better living thru Ma Bell). The only reason I can see for this propoganda is that they realized how bad kids are fucking them and they have decided to nip this conspiracy in the bud. But the real reason I wrote this is that I went up to the stage and asked this robot to say a few words about a real scientific advancement, the blue box. He said that he didn't want to hear it and started to walk away so I started to tell people about it. This got him very uptight and he came back and told everyone that the blue box would soon be obsolete because Ma Bell was planning to vary the tone frequencies from area to area and make it impossible to break out of the area. I don't really understand this but I thought I'd tell you to see if it is bullshit or not because those fuckers have me worried that the toy organ I'm building will soon be of limited usefulness. Yours truly a hopelessly paranoid reader.

-Our opinion of this statement by N.J. Bell is that to vary tone frequencies will cost an incredible amount, require that all employees be back at work to make the change would necessitate changing every single multifrequency sender in the country. In other words, it's possible, but to try to do it without raising rates and spending time, possibly years, is not. So build your organ and the fact that you will no longer contribute to their treasury will serve to prolong the changeover. -Ed.

dear yipl; you should know that the check I'm sending cost nothing to write. No charges for printing checks, deposits, writing checks, monthly statements. Just watch the overdrafts and postdated checks- they cost \$3 each. Write for account information to UNB, 461 Forbes, Pittsburgh, Pa. 15213 (that's The Union National Bank of Pittsburgh) -Your friend in New York.

Dear YIPL;

If any phreaks would like to visit Atlanta this way there is a pay phone on the strip near Roy Rogers drive Inn (876-9639 area code 404). Its busy a lot, but if you call a dope dealing freak will probably answer. A good phone is at the U of Ga. at Atlanta. 404-543-9224. Call a student and turn him on to the credit card code! Skinny Bobby Harper, a very cool D.J. at WIIN would like to hear from phone phreaks. Call him and talk on the air 6 am. -9 am. Mon. thru Fri., 6am.-10 am. Sat. 404-892-3777. Relate the credit card code to his listeners.

I just had quite a good night of phreaking. After some of the best Mexican I ever had I called info in Houston. The operator was real nice. She answered my questions with "surely" and I told her that the operators in N.Y. said that too & it was just a catchy phrase that them yankees were into. She said it was in the operator's manual and I told her she sounded like a very nice girl and I was sorry that the establishment had made a robot out of her. Then she admitted to what

in the guts of every true american. She hates the phone co. Dig it!

I believe that if you have the right tension bar and pick you can open up the cash box on a pay phone. See what YIPL readers can find out about this. Does opening the lock trigger an alarm in the phone co?

Drop a dime or a washer in one of the old coke machines (red and short) and press the handle down the way and get your soda, then 1 up half way and press down again a out comes another coke. The whole fucking machine can be emptied for washer or a filed-down penny.

The Chief of Security of Southern Bell here is Gerald E. McDaniels a he seems to like to talk to phone freaks. So why don't some of you

people call him and tell him you're calling from _____ with a phoney card and/or a box. His office is 404-529-6036. He's in and out all day chasing phreaks so call him at home. Dial 404-963-1640. He's kind of hard to catch so we advise calling between 2 and 3 am. Ask him how he's going to catch him and tell him he's full of shit. Your nameless comrade.

Dear Yip-Line-
I just tried to make a long distance call from a public telephone to order Mexican 10 centavo pieces-which work in pay phones a quarters. I was just about to dial the number and insert the few 10 centavo pieces I had left when I noticed that the dial had been ripped off. I have not commented on public issues in a long time but I believe that people who rip dials off pay phones are hurting their brothers and sisters more than the telephone company. Alexander Graham Bell
Dear Y.I.P.L.,

company president. E. J. Gerrity Jr., senior vp for



E. J. Gerrity

rate re
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If any of you out there still eat meat, here's a helpful hint on getting the best and/or the biggest piece for the cheapest price possible. Everyone knows we can't shoplift or steal-the price we pay is too large if you're caught. So just take the best piece of meat and the cheapest piece, carefully peel the price label off the cheaper one and stick it on the good one. Return the one you don't want, and smile sweetly at the cash lady as the stuff goes through. Fuck the establishment-I love you Y.I.P.L. K&B, Florida.



NUMBER 9
MARCH-APRIL '72

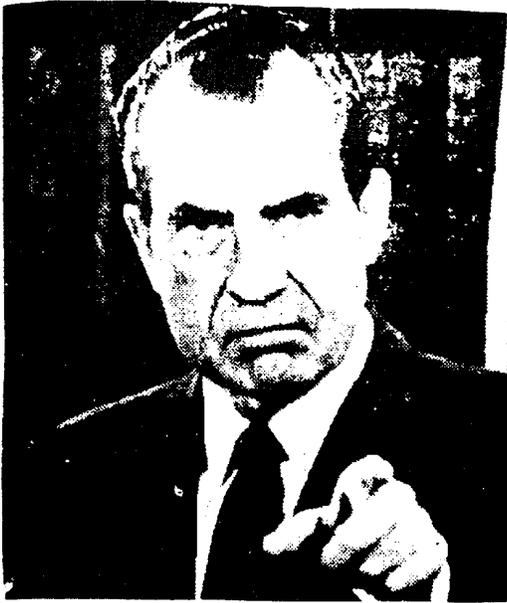
Instead of being the period of good will to men on Wednesday morning our citizens were somewhat excited on learning that a resident of Main St. had cut all the telephone wires that passed over his house, thus cutting off the residents of the lower portion of the Town from its service.

We've got something rather special this month(or months) and you can find it inside. This article has, to our knowledge, never been published with details for use. It is so good, that it is not worth our getting hassled for printing it if you readers don't support our action by reprinting it and giving it out. Here's how to do this and make it effective; Mail it to people and places far away from you as well as in your own community. Have a stock of Xeroxed copies so when you pick up yuppies hitching you can lay them onto it, and they will then spread the news. Papers should print it, and radio station people should tell listeners to write to them for a copy. In the next letter you write to anyone you know, include a copy of this article. We are really pushing this

for several reasons, but mostly because it can seriously affect Ma Bells profits and therefore policy if it goes into widespread use, & it should. It is wrong to assume that they can easily change the system and render the device ineffective, because it would take much time wherever they did it, & it would have to be done by people, who need the work anyway. Build them and sell them, but not for more than five bucks. The parts are cheap, maybe two dollars. GET GOING!

For those of you who want to know how to tell if your phone is tapped, give up. Best way to tell is by flipping a coin. Clicks mean nothing but poor service usually, and silence is often more dangerous. Don't talk on the phone!

REPORT THE PERVERT WHO GIVES YOU THIS, KIDS!

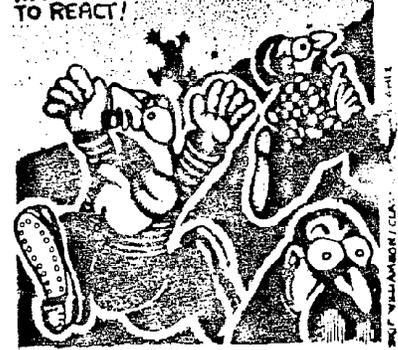
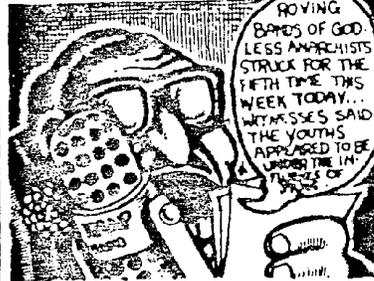


Y I P L

NUMBER 10
MAY, 1972

ALL ACROSS AMERICA SMALL GROUPS OF SABOTEURS STRIKE WITH FLAMING VENGEANCE...THE AIR WAVES ARE ELECTRIC WITH RAGE...

THE CITIZENRY IS QUICK TO REACT!



READ THIS

The Boston Peoples Yellow Pages is \$1 and well worth it. Write to dem at 351 Broadway, Cambridge, Ma. 02139. Or write to People Yellow Pages at Emmaus House, 241 E. 116 St., NY, NY 10029. It's free but they need contributions to stay alive so help them out, OK?

While you're doing that, you'll want to have a PYP in your own community if you don't already. Write to the above about forming one, or just do it, or if one is forming, help. But make sure to publicise YIPL and some of our articles in it, and write us if you need publicity or our back issues.

There are so many radio stations and papers in your community that need feature articles on things like YIPL that it isn't funny. Go to these places and tell them you'll prepare a show on phone politics and technology. If you receive this, you are hereby authorized to represent YIPL in your community and should start doing so immediately. Its absolutely legal, but that shouldn't stop you.

Here's a little trick I picked up & I'm letting you know in case there is a need to stop traffic in L.A. The signal boxes on corners of streets that control & regulate the lights can be opened by a sharp blow with ones fist on the side of the box even level with the keyhole. Now the door will swing open and one can control or stop or freeze the signal. Can be useful if you're in a hurry.

The Computer Says No

SAN FRANCISCO (AP)—A computer programmed to say "no" in a feminine voice has been enlisted by the telephone company to stop fraudulent credit card calls. The computer, in a secret location in California, has prevented completion of some 80,000 bogus credit card calls since it began tipping off operators in January, says Ben Dial, assistant vice president for operations at Pacific Telephone Co.

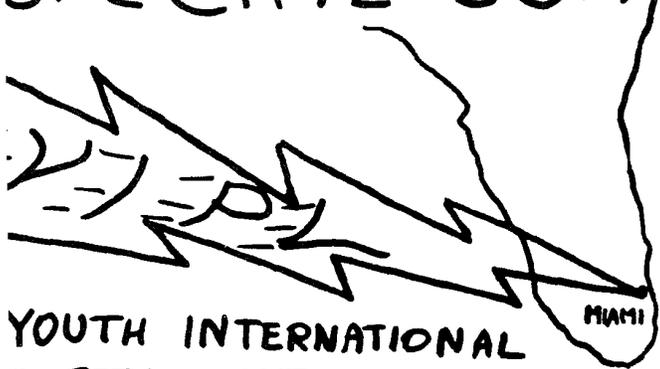
When a credit card call is placed, the operator keypunches the card number into the computer circuit. If the number checks out, the operator hears a recorded female voice say: "Okay." If the number is a phony, the voice says: "No" repeats the number and says "No" again.

Dear YIP Line people,

We urge you to organize with us a massive telephone campaign in your home community aimed at reaching as many households and businesses as possible. We suggest using the following method to once again make the war a public issue. Our major method will be a phone calling campaign consisting simply of the following: "Hello, I called to ask you to think about whether Nixon lied about ending the war. Thank you." We believe that putting the message in the form of a non-rhetorical question is both more thought provoking and less alienating. This campaign will include newspaper ads and media involvement carrying the simple message; That Nixon lied about ending the war. Please join us. "The Nixon Lied Campaign" 424 North Aurora St., Ithaca, N.Y. 14850

NEW YORK POST, FRIDAY, MARCH 24, 1972

SPECIAL CONVENTION ISSUE!



YOUTH INTERNATIONAL
PARTY LINE

NO. 11



JUNE-JULY 1972

LETTERS

The World's First Phone Phreak Convention is being held on July 11-15, in Miami Beach! The Celebration of Change will include, in addition, teach-ins on telephones, contests, meetings with nationally-known phone phreaks. Plus the unveiling of new devices never yet revealed. Courses are going to be held on Phone Politics, Phone ripoffs, establishment ripoffs, and peoples technology.

If you want to help or teach a class, write us immediately and include your phone no.

At the same time there will be other events too, such as antiwar demos, women's rights, health care, anti-smack information and actions, and many other happenings. Get in touch with YIP in Miami for these if you want to be involved.

The Convention and the Celebration of Change will be an incredible learning scene and you should start telling everyone you know to be there. If you are a budding phone phreak, you'll learn how a phone works, and how to make it work for you. Or come down for the pot parade to legalize Marijuana, but COME DOWN, AND BRING YOUR FRIENDS. Put signs in freak stores and post notices in schools-MIAMI BEACH-JULY 11-15. There'll be food, sun and fun.

Gentlemen:

I am including the name of the Company that can provide those interested with all types of telephone devices as well as info. They also have two correspondence courses that I believe are the best (only) of their kind. One is a telephone engineering course-how to make your own clandestine devices. The second is a "spy" course. You & your readers will flip over their catalog. Cost is \$1 deductible from any purchase-and well worth it.

Don Britton Enterprise, P.O. Drawer G, Waikiki, Hawaii 96815. -G.B.

Readers have written for info on the Peoples Yellow Pages We're making a list of the PYP's all over the country, so if you know one in your area, send us the address and whether or not they're doing more of the same. New York PYP is at N.Y. Switchboard, 134 w. 4 St., NYC 10012.

For more on telephone groups working for changing the Bell System, the Source Catalog #1 has many groups listed, such as Womens groups, U.S. Govt. inspecting phones, Grass Roots, etc. Write to Source at Box 21066, Washington, D.C. 20009.

To those working on other circuits for public use, we urge you to send them in to us for publication when fully tested. We will be publishing other interesting ideas for projects from time to time. Thanks to all those who write letters and circuits. Even if they're not used, we test those we can and condense the information to pass it along to you readers.

We still need information slugs and machines and which ones do and don't work and how to make them work. Do some experimenting around and let us know.

YIPL does not publish these incredibly great and useful pieces of info in order to see them put to use. We publish simply so that people can sit back and stare at interesting electronic circuits, which have been known to have a soothing effect upon baby rats and presumably humans, too.

RECEIVE FREE LONG-DISTANCE CALLS

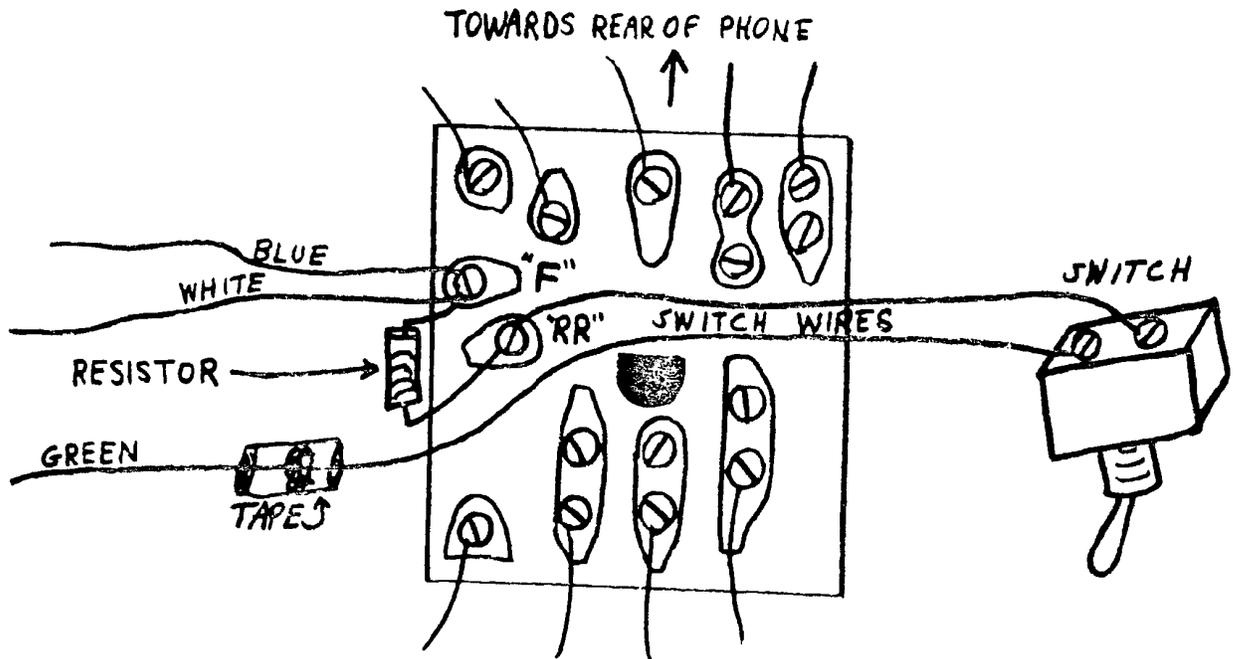
Now you can receive calls at no charge to the caller, and anyone, even a child, can convert their phone to do this in less than 30 minutes. You only need two parts: A "single pole, single throw toggle switch" and a "10,000 ohm, 1/2 watt, 10% resistor". Hardware stores carry switches with two wires already on them, and these are convenient to use. The resistor can be bought for 20¢ at a radio-tv supply or electronic hobbyist store, such as Lafayette Radio. If you can't find a switch with wires already on it, get one with screw terminals so you can easily attach on wires.

Cut two pieces of wire at least 6 inches long. Strip off the insulation 1/2 inch from each end. Attach one wire to each of the two switch screws, and you now have a switch with two 6 inch wires connected.

Turn your normal dial phone upside down and unscrew the two screws, and remove the case. You will now see a small metal box with 16 screws on top and wires connected to them. Locate the screw marked "F" using our diagram and loosen it. Wrap one of the resistor wires around it and tighten the screw. Loosen the "RR" screw and remove the green wire. Then wrap the other resistor wire around the "RR" screw along with one of the switch wires. Tighten the "RR" screw and be sure the wires only touch the proper terminal and no others. Finally, wrap the remaining switch wire around the green wire you just removed and wrap the two up tightly in scotch or electrical tape.

Close up the phone, running the switch wires out the side or rear of the case. Hang up receiver and get a piece of tape and a pen. Pick up the phone and flip switch to the position that gives you a dial tone. Using tape, mark this position of the switch "Normal". Now flip the switch to the other position and the dial tone should stop. Mark this position of the switch "Free". If you don't get it to work right, check your wiring for a break or a wire touching a nearby screw inside the phone.

Leave the switch "Normal" for everyday use. When your friends call, quickly lift and drop receiver as fast as you can. This is very important that you do it quickly. This should stop the rings. If not, do it again. Then switch to "Free", pick up the phone and talk. Keep all calls as short as you can, always less than 15 minutes. At end of call, hang up, then switch to "Normal". If the call is local, switch to "Normal" immediately or you may be cut off. Your friend can call right back, so the shorter the call the better it is.



HOW IT WORKS

When you call someone long distance, you are billed from the moment they answer. The phone company knows you answer when a certain amount of electric current flows through the phone. However, the resistor cuts down the amount of current below the point of billing, yet lets enough go by to operate the mouthpiece. Inside the phone, connected across the F and RR terminals, is a capacitor, a device which allows more volume for your voice without using any more electric current.

Answering the phone normally for a fraction of a second stops the rings, but does not let enough current flow to start the billing. If you answer normally for even one full second, however, billing will start. Therefore, hanging up and switching to free will cut you off.

To render the device ineffective, the phone company would have to spend billions of dollars and many years of changing the country's phone systems. Using this device is illegal in some places, and we strongly urge you to inspect all phones you see for the device. If you see it, rip it out and eat it immediately.

By the way, you cannot use an extension phone during a free call unless it too is modified and the switch is in "Free".

YIPL is \$2 for a year's issues, if you can afford it. If you can, send stamps or bread to pay for those who can't, & turn someone on to YIPL today!

This article is essentially the same as published in Ramparts, who has been suppressed by the Phone Company. Ramparts has taken apart the State Dept., the Defense Dept. and the whole fucking government and no hassles but the article about the phone company and POW! Which is why YIPL exist to get the vital information to the people if there's no other way to get it to them. You supply the information, and you get more back. Send us ideas, tell your friends to write to us, and get phone co. people to get in touch with us. See 'ya in Miami, phreaks!

TECHNICAL DATA 25¢ EACH

**-BLUE BOX INFO + TUNING
-CREDIT CARD CALLS**

SUPPORT CAPTAIN CRUNCH!

As some of you might know from a recent Rolling Stone article, the FBI and the phone co. has arrested the supposed Cap'n Crunch of Blue Box fame for allegedly making a few Box calls. We are now setting up the Cap'n Crunch Defense Fund, for the benefit of such obviously political telephone busts. The money will go for support of those harrassed and busted for phone co. specials, and for legal and bail

fees. Please contribute what you can. It might be you next. If you learn of people needing support of this kind, write to YIPL at once with details. Make checks to Cap'n Crunch Defense Fund, c/o YIPL. This is needed to show our solidarity against fascist Ma Bell, so do it today. We will try to have a statement by Cap'n in the next issue.

Nab Students While Building Phone System

Two MIT students, whom police said were setting up their own telephone system, were arrested yesterday because of an open manhole.

Julian West, 18, of 518 Beacon st., Back Bay, an MIT dormitory, and Kevin P. Koch, 19, of Ames st., Cambridge, had their cases con-

tinued to May 3 by Roxbury District Court Judge Elwood McKenney.

Sgt. Matthew Loughlin and Patrolmen Albert Bozzi and Robert Vasselian found a manhole cover out of place in front of the Beacon st. dorm.

They seized one of the youths outside the manhole and the other inside where they said a miniature switchboard had been set up.

The youths were charged with injuring lines of the Boston Edison Co. A communications hookup with a dormitory across the street was in progress, police said.

Stay tuned for the Rip-Off Institute!

REVISED



THE YOUTH INTERNATIONAL PARTY LINE NO. 12 AUGUST, 1972



NEW READERS!

If you're a new reader, you might be wondering just what the hell this is all about. YIPL is an anti-profit organization dedicated to people's technology, and we publish information that shows you how to fight back at the computers that run our lives. Every YIPL reader is urged to be a contributing editor, and to send us ideas for stories, information from the inside, and criticism of what we do or don't publish. We're taking a big risk so help us make it worthwhile. Get as many people to join as possible, and help spread the ideas you learn from YIPL.

If you got this as a sample issue, a subscription is \$4/year. If you're poor and can't afford it, it's free. So if you can afford it, perhaps you can afford to help pay for some less fortunate person's share. Send stamps or checks but no cash please. We're getting ripped up mail all the time.

There's been a lot of talk about the Red Box, and we promised to reveal just what it is. The Red Box is only an oscillator of 2.2KC, switched on and off electronically, just like a single slot pay phone. Circuits will soon be available.

5- 60 ms. pulse.

10-60 ms. on, 60 ms.off, 60 ms. on

25-5 pulses, 35ms. on,35 ms. off

The Phone Phreak Convention on July 29 in New York was interesting indeed. Many news-men, phreaks, and even a few undercover agents from the Phone Kompany attended, and watched a film about ripping off the phone kompany, ate Bell cookies, discussed in our workshops about circuits, legal questions & general strategies of Ma Bell. We'll be looking forward to the next convention soon. See ya there!

By the way, the film is available for rent, so write to us.

John Thomas Draper, the alleged Captain Crunch of Esquire fame, is about to go on trial in California. The charge is fraud by wire, but the motive behind the indictment is to intimidate every phone phreak in the country and to silence John, who the suspect knows enough to turn Ma Bell into a pile of rubble. John and his lawyer, Jim McMillan are beautiful dudes but they need money to fight this bullshit. If you can, please send some bread to the Captain Crunch Defense Fund, Box 755, Campbell, Ca. 95008, or to the same c/o YIPL, Rm. 504, 152 W. 42 St., NY, NY 10036.

RAMPARTS INFO:

Last month we published a simpler version of the suppressed Ramparts article, "Regulating the Phone Company in your home" and we have heard that a new, experimental system will detect the device being used over minutes in certain locations in New York. This is not confirmed but it really isn't bad news because one can use the device 10 times in a row safely, though we don't think you have to go overboard. Until the rumor is checked out, though, keep all calls under 4 minutes to or from the New York area. All Telco employees should write what they know about this to us soon.



CONSTRUCTION

The Blue Box uses two tones per digit. We show one oscillator and a common amplifier, both being turned on when the pushbutton sends +9V thru the diodes, one for each of the two oscillators (for that buttons digit) and one for the amplifier. 50 diodes are used, or an on-off switch on the amp lets you use only 21 (matched silicon). The best speaker is a telephone earpiece. Each tone mixes thru a 47K resistor. 59K sets gain. Entire current drain under 10 milliamps.

Oscillator frequency $\frac{1}{2\pi RC}$, when the R/2 pot is adjusted to the point of oscillation. This point has no distortion, and the frequency can be raised, but distortion sets in. For 1500 cycles, and C .0022, R= about 45kohms. Raising R to 1/K (the next highest standard value) lowers the frequency, and you can now tune up to 1500 Hz. Distortion will be very low. 2C will be .0047, and R/2 will be 22K, so use a 50K pot. With Sprague 192F capacitors, this Twin-T oscillator is really good. Try it!

To simplify the diode jungle, use a matrix by sandwiching the diodes between two pieces of perforated circuit board, one with 13 "buss" lines to the switches and the other with 8 output lines, 7 for oscillators and one for the amplifier. Actually, since 2600 is a single tone, you don't need a diode for it, so matrix can be 12 X 7. The diodes are upright inside the two boards. Watch polarity.

Readers have reported that an integrated circuit exists that used a resistor for each tone, two variable oscillators being required for a box. The Signetics 566 is also reported to be unstable with temperature variations. For plans on building with it, write to Signetics, 811 E. Arques Ave., Sunnyvale, Ca. 94085 and ask for information on the 566 VCO and applications notes. Sign your name Joe Smith, Eng.

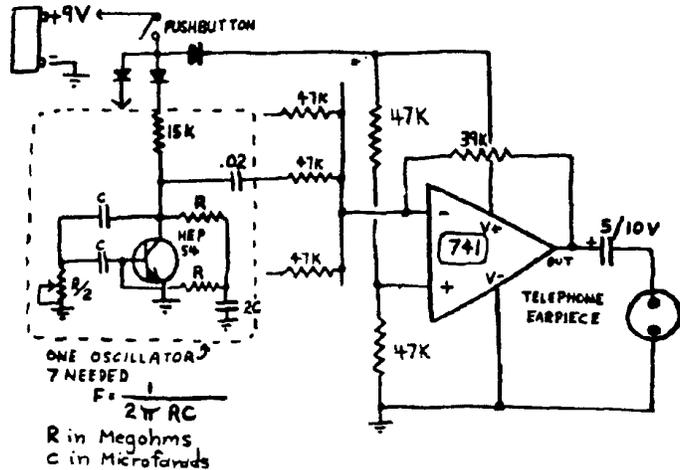
TUNING

Notes on an organ will actually work if you use them, but they're best used for tuning. Or, use a touch tone phone for tuning your box, or your signal generator. Play your oscillator and your source of pitch and adjust till "beats" just stop. Remember there are two tones per digit.

If you tune with an organ, you must be able to interpolate, that is to set the pitch in between two different organ notes. To set the 900 oscillator, it should be between the A and the A#.

OPERATION

From a pay phone, dial long distance information, or an 800 number, whichever you can get from your city. As call goes thru, press 2600 for one second, and when you hear a click dial desired number, preceeded by KP and followed by ST. Example- KP4156869945ST. Each pulse is the same, as if you were using a pushbutton phone. All pulses must be sent within 10 seconds of disconnect, if not, disconnect and try again. Do not stay on longer than necessary.



741 OP AMP available at PolyPaks, Box 942E, Lynfield, Mass. 01940. Order 741C, TO-5 case, 2 for 90¢, add 25¢ postage and wait. Write for catalog first as they may require minimum order. All resistors 1/4 watt, 5%. Capacitors recommended-Sprague 192F, silvered mica, or mica (dipped).

The values of R should be between 30K & 150K.

Hep 54, 2N2222, or RCA SK3020 transistors.
Diodes-Matched small signal silicon(1N914)

Blue Box Tones

Digit	Frequencies
1	700+900
2	700+1100
3	900+1100
4	900+1300
5	700+1300
6	900+1300
7	1100+1300
8	700+1500
9	900+1500
0	1100+1500
KP	1300+1500
ST	1100+1700
Disconnect	1500+1700
	2600

741 OP AMP - TOP VIEW

14 PIN DIP



TO-5



8 PIN DIP



Organ Notes

Note Frequency

F 5	698
A 6	880
C# 6	1109
E 6	1519
F# 6	1480
G# 6	1661
A 7	2637

Touch-Tone

209	1	2	3
770	4	5	6
852	7	8	9
941	*	0	!

A 16 button keyboard with no moving parts, measuring 3X3X 1/2, is available from Environmental Products, Box 406, Lafayette, In. 47902. The price is \$7.95 but write for their catalog before you order it. Also, if any readers know where to obtain thinner keyboards, please write us with details. By the way, 16 buttons is perfect for a combination blue box/red box.

Line earpiece with foam, and press it to mouthpiece tightly.

The smartest phone phreaks we know seldom carry their unit with them, but rather a cassette recorder, which they erase after making their call.

All numbers directly dialable are callable with the box. Overseas instructions will be forthcoming.

HOW IT WORKS

There are two basic types of telephone offices thru which all calls are switched. The first is the CO, or Central Office. The wires from your telephone go to your local CO. From there your call is switched to another telephone in the same CO, meaning a local call, or it is switched to a toll office. A toll office, for our purposes, is an "inter-office" office. The toll office connects different CO's to each other.

When you dial a call from your phone, and suppose it happens to be long distance, the digits you dial, whether they are touchtone or dial type pulses, are sent directly to your central office. Most CO's have CAMA, Centralized automatic message accounting. The CAMA machine in the CO records your number, the date and time, and the number you dialed. The record is a punched paper tape. The CO then relays the area code and number to the toll office. The toll office contains a sender, which sends by whatever route is easiest a series of MF, or multifrequency pulses to another toll office in the area you called. These are picked up by an incoming sender, which translates and connects you to the CO dialed. The CO then itself translates the remaining digits and connects you to the line you dialed. When that line answers, a signal is returned all the way down the line to your CO to say that the call is completed. The punched paper tape records this. When you or your friend hang up, a signal is returned to end billing, and this goes on tape too, along with the date and time and both numbers, yours and theirs. At this point the CAMA machine sends the billing details of the call to the real heart of the CAMA, in the Toll Office.

Now the way the phone company sends signals on their lines is with frequencies. When an inter-toll line, or trunk, is idle, it has present on it a tone of 2600 cycles. This tone tells senders who are searching for idle trunks that this one is OK to use. When the line is seized and used, the tone is not present.

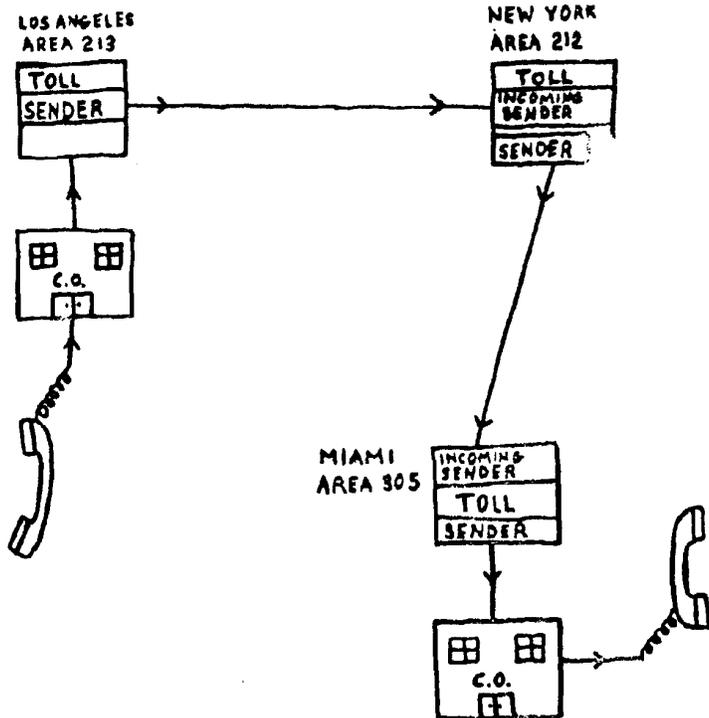
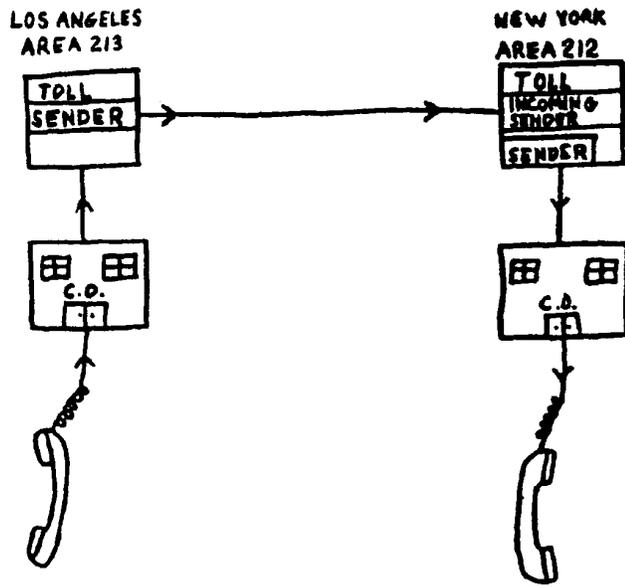
Control of your telephone line is done by you. When you hang up, the CO relays that to the senders and incoming senders on the trunk and then they disconnect.

If, however, you were to send a 2600 cycle tone down your line, your CO would not do a thing because it isn't designed to react to a 2600 cycle tone. But the intertoll trunks would think you hung up, because 2600 cycles means the line is "die". So they would disconnect you from the CO at the end of the chain. When you release the 2600 tone, the incoming sender would now believe the line has been seized, and will wait for the MF digits.

Meanwhile, back at the CO(yours) the CAMA is billing you for the initial call you made. If it was for information, the rate is zero ¢/minute. However, information calls don't take too long so the people who go over the paper tape at the end of the month may spot something fishy. 800 numbers are a different story, but they'd better be valid. The MF digits and 2600 cycles are passing thru the CO unnoticed all this time.

When you send MF digits, the incoming sender at the far end translates them and routes you to the correct CO, if its in that area code. If it is, and you send the area code along with the other digits, the machine will overload and the call won't go thru. If you had dialed information or a wats line based in a different area from the desired number, the sender will reroute you to that area and then to that number. Most boxers call information in a different city from where they want to call and then send area code with digits to reroute.

Since all calls are shown on the paper tape, a pay phone is the only safe way to go. And be sure to change phones too.



An item of interest for readers: For \$1.50 businesses and schools are equipping themselves with "dial-lock", which fits into the "1" position on a dial phone, which eliminates calls except from dial-lock key holders. (For pushbutton phones, a steel plate covers the buttons-Ed.) For every piggy action, there is an equal and opposite people reaction. Simply lift the receiver and rapidly push the buttons on the cradle equal to the numbers you would dial. For example, to dial 936-2323 you would push the buttons down (or just one of them) 9 times, 3 times, 6 times, etc., about as fast as a watch ticks, with a second or so between each digit. Keep count, cause its easy to lose count. Or, push the button 10 times, and you can give the operator the number you want, whether its around the corner or across the country. She is well-trained to assist you most ably. The "dial-lock ads are right, the phone bill is effectively reduced, but it doesn't say whose. L.W., Houston, Texas.

Dear YIPL,
If any YIPL reader has access to info on a pig device called a curdler please publish the description of the resonator tubes. This device is developed in France for use on rioters. Basically it is a tone generator, amplifier, and a hi-fi type exponential horn tweeter fitted with resonator tubes. Supposedly even a hand-held model can cause ear damage and brain hemorrhaging through a sort of "sound laser" effect. Come the revolution sympathetic stereos can be turned against the pig. CCS. Yippie!

The Credit Card Computer we reported to you about is not yet available to all operators. So in some areas, the old system of simply matching the 4th digit to the letter still works. We've also heard that on the West Coast, the computer is off from 2-4 a.m. for checking, and credit card calls during that time are assumed to be valid. The same thing is true in other areas, but we don't know the times. They may be the same.

YIPL

FIGHT BACK! NO.13

SEPT.-OCT.'72

THE YOUTH INTERNATIONAL PARTY LINE

READERS

Dear Yipl,
Please distribute this little gem of info immediately- "The National Security Agency monitors and records every trans-Atlantic telephone call." Source- Ramparts Aug. '72. Also- "Of course, all trans-Atlantic and trans-Pacific Telephone calls to or from the U.S. are tapped."

I don't know if the NSA would pass info on to the FBI about phone phreaks, but its certainly conceivable that they may.

It seems ITT is pushing Astrofood to school kids through a subsidiary, Continental Baking. I think we need to find out just how much ITT controls. If I get the time I'll go to MLPFFPs and check Standard & Poors to see if I can get the scope of operations of this giant. J.R., Atlanta, Ga.

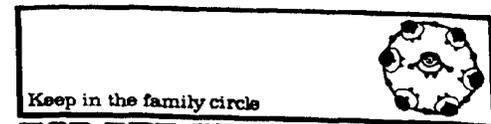
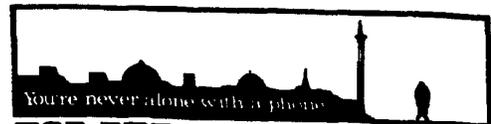
Dear YIPL,
Just a note to give you a few comments on the August issue (No. 12).

First, the Red Box: you might note that it is also important to provide a contact and make the line connections which will ground the tip side of the line when you beep the box. When a coin is placed in a pay phone, the mechanism grounds the tip side for about 1 second; this is what gets you dial tone on a so-called prepay phone. Then, when dealing with the operator for longer calls, the beeps tell her that you've paid, but it will look a little funny if the equipment doesn't register the dropping of coins. Both are necessary for a realistic simulation.

210

(The terms "tip" and "ring" (also "sleeve") come from the old manual switchboard days and describe the connections on a cord plug. These archaic terms are still used today: the tip side is the green wire and L1 if things are hooked up properly; the ring side of the line is the red wire and L2.)

Second: I have constructed several Blue Boxes using the Signetics NE 566 IC. I do not recommend it for several reasons: 1. It is designed to be a voltage-controlled oscillator and is very good in this role. It is so damned voltage sensitive that it needs a very stable, rock solid battery supply. Even with a zener regulator after the battery, which is getting rather silly, it is no good because of 2. its temperature sensitivity. Using mylar caps and metal-film resistors I got an 8% variation between 35 F. and 90 F., which means you have to re-tune the thing all the time. Finally, diode variations lead to unreal differences between tones that should be the same frequency. Best Wishes, T.V., Calif.



keep in touch with your family and friends - give them a call tonight

USE THE PHONE

MORE BOX PLANS

Correction- The 39K resistor used for setting the gain of the amplifier in last month's issue is incorrect. It should be between 5 and 6 thousand ohms in value. Too large a value will cause a buzz in the amplifier from too much gain.

Let's clear up a few details in last month's Blue Box construction plans. For those of you without a lot of test equipment, this might help you a bit.

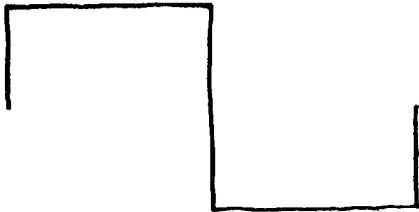
1- The Twin T oscillator has maximum stability for voltage and temperature changes when it is tuned at least 5% above the initial oscillating frequency of the oscillator. Otherwise, a voltage drop of a volt or temperature drop of 20 degrees might turn it off. For example, tune in your resistor or capacitor values of the 1100 cycle oscillator so that it starts oscillating at about 1000 or 1050 cycles, and tune it up to 1100. The starting point of oscillation is always the purest sine wave, but the oscillator is on the verge of turning off, so a slight distortion of the wave can and must be tolerated in this circuit.

2- Tuning up to a touch tone phone (frequencies given last month) will result in greater than 1% accuracy. A hammond organ should be even better. The MF receivers that process your calls will respond to an error of 30 cycles or greater with a reorder signal. That's a wide margin, and it varies from place to place. So if your tones come closer than 30 cycles to the correct ones, you will have better success and less of "I'm sorry, your call did not go thru".

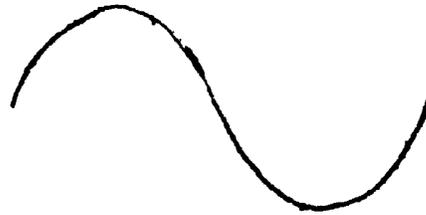
3- Repeat-Call only from pay phones, never from your home phone! An exception is to call from a phone that will probably never be boxed on again. The phone company has records of 800 calls and 555-1212 calls that are abnormally long, and they have been known to investigate.

4- If your call doesn't go thru, it may be your tuning, an excess of distortion (tones will sound very harsh), too loud or soft a tone, extra noise leaking into the phone, and most important, an overload in Bell's circuits that night from all the other blue-boxers making calls. Also remember that if you initially dial and beep off a 800 or information number in the area code you will be boxing, do not key in the area code, just the 7 digits (7D).

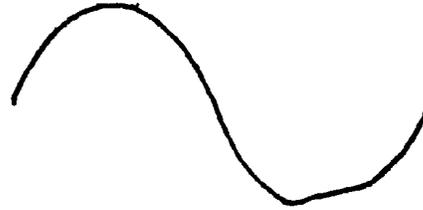
5- The diodes are non-critical, small signal units and don't have to be 1N914. The transistors are small signal NPN type with HFE of 50 or more. The transistors mentioned, and many others also will all work perfectly.



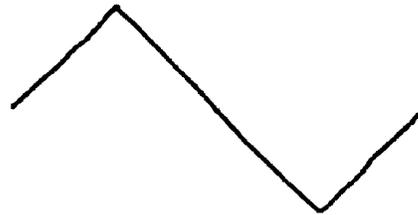
A square wave, generated by an on-off type of device such as a multivibrator, has a lot of harmonics, sounds harsh and is not as effective as a sine wave, though often easier to make.



A pure sine wave, from a Twin T oscillator, and from a touch tone phone, is the best waveshape for activating Western Electric's brain.



A Twin T oscillator slightly distorted, because it is tuned 5% higher than its initial frequency of oscillation. Its stability is excellent. It's dynamite for boxing.



A triangle wave, generated by the Signetics 566 IC (Integrated Circuit). Because it isn't a pure sine wave, it sounds harsh because it contains harmonics, and it doesn't work as well, though it does work.



This is a sine wave with its peaks flattened (or cut off). It causes distortion, harshness, and trouble. A telephone earpiece has a dual diode connected across the terminals in newer units, and if the signal level is too great the diodes absorb the peaks of the sine wave, thus causing the waveform to distort like this. Remove the diode before using.

november '72 no. 14

FREE SPEECH



Several readers have advised us that PolyPaks may not be the greatest place for mail ordering. They suggest Solid State Systems, P. O. Box 773, Columbia, Mo. 65201 for 24 hr. shipment or 10% off. Their no. is Toll-Free 800-325-2595.

The following are answers to questions by readers, which for lack of space we must answer this way.

A red box duplicates the coin denomination tones of the new "fortress phones"... If you have problems getting maximum volume from your box (issue 12) try reducing output capacitor to 2 mfd., and raising feedback resistor of op-amp to 10k or greater... Proper volume is when box is just too loud to be comfortably pressed to ear... A five station telephone can handle 5 incoming lines, but does not automatically give you 5 lines if you hook it up to your single number... We've heard you can turn a touch tone phone into a Blue Box, but it appears to be impossible... Thanks case... Blue box detectors are being made, and until we know all they detect, we'll say that use pay phones to be safe.

Friends,

Here's a recipe that tastes great and is the cheapest source of protein. Nothing is cheaper than canned mackerel. It costs 23¢ to 29¢ per pound! Mackerel doesn't plug your pipes with fatty acids the way hamburger does.

Add 1/2 can of mackerel to 1/2 cup of Crunchy Granola to 1/2 can mushroom soup. Stir & heat till it just starts bubbling.

Or use mackerel as a sandwich spread. For ingredients use salad dressing, chopped onion, chopped celery, a little vinegar, mustard, salt and of course mackerel. Mix well. Go to your day old bakery and get rye, pumpernickle, wheat at half price or less. But avoid Wonder Bread & Hostess: this is an ITT subsidiary. Day old bread makes great toast. If you want to freshen it, put in your refrigerator over night. It will taste fresh & you won't have to toast it.

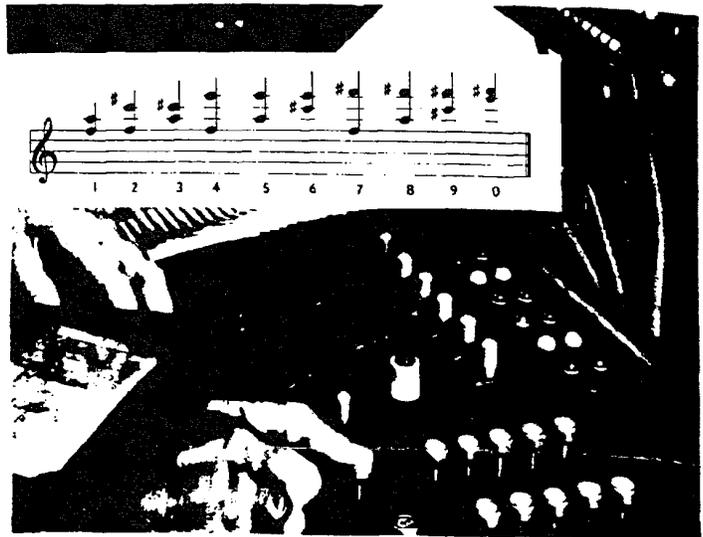
Service to the People! M. T., Kentucky

Not to mention what they put in Wonder Bread! ITT 's credit card no. is 893-5579-001D so make sure never to use it. By showing them how benevolent we are, they may stop supplying war materials to kill people, they may stop putting chemicals that affect your body in Morton frozen foods, and wouldn't that be great?

Greetings;

Could you tell me if there is any truth to the rumor that the phone company is installing voice-tracking devices to catch people making illegal credit card calls? R. L., N. Y.

There has been a recent court decision allowing voiceprint evidence in a gambling case, however not to our knowledge for credit calls. Often they tape the call if it sounds suspicious, and play it back to the parties involved while threatening them. So if you don't sound like a businessman or woman, or tell your friend over the phone that it's a phony card, they might hear. Don't use names or phone #'s, and you'll never be hassled. Always dial the call from a pay phone, dial direct with a 0 first, say "Credit card, 253-9921--050A". You may be asked the # of the pay phone you're at. Tell her, and change the last digit or two. She may try that number and come back on, if so hang up and change phones. Always sound middle-aged, and in a hurry and pissed at operators, but willing to give her one chance.



Above is the Bell System's new "musical keyboard" insert shows the digits of telephone numbers in musical notation, just as they are sent across country.

Playing a tune for a telephone number

Before you talk over some of the new Bell System long distance circuits, your operator presses keys like those shown above, one for each digit in the number of the telephone you are calling. Each key sends out a pair of tones, literally setting the number to music.

In the community you are calling, these tones activate the dial telephone system, to give you the number you want. It is as if the operator reached across the country and dialed the number for you.

This system, one of the newest developments of Bell Telephone Laboratories, is already in use on hundreds of long distance lines radiating from Chicago, Cleveland, New York, Oakland and Philadelphia, and between a number of other communities.

It will be extended steadily in other parts of the country—a growing example of the way Bell Telephone Laboratories are ever finding new ways to give you better, faster telephone service.

BELL TELEPHONE LABORATORIES

Exploring and inventing, devising and perfecting, for continued improvements and economies in telephone service



READER SUPPLIED INFORMATION

Dear group,

You might be interested to know that in San Francisco you can find out the number of an open line by calling the operator on 222-2222 and telling her you are from frames on an ESS 392 number and what is the number please.

They are requiring all operators who raise from the ranks to another gig to view several interesting films including one where wittle itty bitty animated pencils talk to one another about "My operator didn't care for me, she chewed on me and I won't last too long", but the general gist of the films is that you can and will be fired for illegal possession of ONE Ma Bell Pencil, and that the official communications secrecy act can get you shipped off to Siberia for telling anyone little things about the phone company or it's equipment.

Real big brother indoctrination techniques.

Another interesting thing out on this coast was that after they spent an ungodly sum to a mathematician to develop that "new" credit card code the Barb had it printed in about 2 weeks. One phone VP stormed around the SF office swearing and talking about getting even with that "hippie newspaper".

Good luck, and may you have a cheap but good attorney. S. F., San Fran.

CALIFORNIA TEST NUMBERS

A. N. L. (Automatic Number Identification) 83Q, or 6104-1
Loop codes- XXX-0044 and XXX-0045
Silent line- XXX-0047, 8, 9
Loop check generators-XXX-0046
Busy test- XXX-0710
Milliwatt test(tone)-XXX-002Q, XX2-0002
Central office-XXX-0015
Suprise!-941-0321 (Los Altos)
Telco employee info-621-4141, 842-9151(L. A.)
Rotary Dial Speed test-Dial ringback(below),
hang up and let ring one time, pick up, dial 2,
wait for tone, dial 0. Busy=Incorrect speed,
Continuous ringing=Dial speed OK.
Ring Back-6105. wait, dial 6 OR
670, 780, 890, or 930 and your last 4 digits(4D)
Step offices-118, wait for tone, hang up.
L. A. Inward Operator-KP 213 121 ST.
Catalina Inward- KP 213 036 121 ST.

Friends at YIPL,
This Black Box detector is probably just bullshit that Bull System is putting out to scare phreaks away. If they have a tap on your line they sure as shit can tell though. I've never heard about any way to detect a black box without direct connection to every phone line, and at \$35 per line... and 7 million phones in N. Y., that's 245 million bucks. Even capitalists like Ma Bell don't waste a quarter billion to save a couple million.

If phone phreaks want to get in touch with each other, try these Colorado loops. THEY ARE NOT FREE, SO DON'T CALL FROM A HOME PHONE CAUSE THEY' RE LONG DISTANCE.

Area code 303

343-0009 & 343-0068 One of each pair has a
355-8414 & 355-8424 tone, which will stop if
758-0009 & 758-0000 someone then calls the
other number, and then you and they can talk.
We suggest not giving out numbers because they are monitored, but exchange info if you want.
And don't stay on long.

YIPL,

I've heard of the curdler(YIPL, no. 12); apparently they're considering dropping the entire matter after it proved powerful enough to "destroy" all the cats and monkeys in an animal room at a large university. S.

Gentlemen:

There once was a guy from Mass
Who trusted not A. P., U. P. L., or Tass.
He took dollars two
And sent them to you
Because he wanted to subscribe to YIPL.
R. R., Mass.

Dear YIPL,

I assume you already know that some telco's are using KP-2 which is 1300+ 1700. Fuck Ma Bell. E. H., CA.

KP-2 is "transit keypulse" as opposed to KP-1 which is terminal, meaning point of destination. With KP-2 you can call France via England. This is primarily done on overseas calls where direct access is not provided.

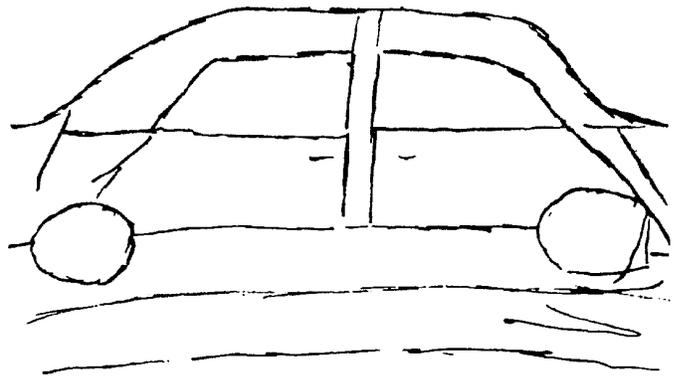
In order to stack, or add, your calls up by a long chain, a certain procedure is used which requires the use of blank codes, which allow one to call a number(that is not a customer) in area A and then call again to area B, going through A in the process. If this is of any use(which we doubt) we will publish codes sent us.

Dear YIPL,

Could you tell me where I can get ahold of some information on how to use a blue box on pay phones. Every time I beep off an operator cuts in, so I've been limited to using my friend's phone lines. And because I don't like the idea of making a habit of using a line very often I've just about run out of available lines.

B. P., Md.

In many areas, operators manually place 800 (Wats) calls, and think you are signalling them when you beep and their switchboard lamp winks. So when that happens try calling long distance information instead. Often the operator(local) stays on a second, so ask for a name, & when you hear local operator leave the line, beep off.



which way is it facing?



THE AT&T PAPERS



American Telephone & Telegraph Company
195 Broadway
New York, N. Y. 10007
Phone (212) 393-9800

**RESTRICTED
BELL SYSTEM
SECURITY INFORMATION**

subject: Toll Fraud - Y.I.P.L. Publications

date: October 13, 1972

file no. []
 []
 []

to: Security Managers

from: Director-Corporate Security

synopsis: Requests that signed statements be secured from fraud perpetrators who admit that their fraudulent activities were based on information appearing in a Y.I.P.L. newsletter.

* * *

As you are aware, efforts are continuing to effectuate deterrent actions against publications which print detailed instructions regarding methods to commit toll fraud. It has been alleged that information published in the Youth International Party Line (Y.I.P.L.) newspaper was a source document for some acts of fraud.

It would be helpful to acquire evidence to substantiate this allegation. Therefore, it is requested that signed statements (attesting to the source of information) be obtained from fraud perpetrators who admit acting to defraud the telephone companies based on information appearing in Y.I.P.L. newsletters.

A copy of the statement should be forwarded to Mr. G. V. Schacht, A.T. & Security.

J. F. Doherty
Director-Corporate Security

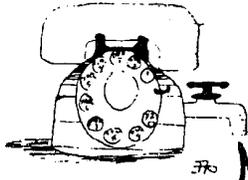
If any of you still have doubts about Ma Bell, J. F. Doherty and his merry band of infected pork, this should clear them up. The above document was recently sneaked out of the AT&T Pentagon especially for YIPL. Examine the second paragraph.

Being the smegma that they are, they cleverly used the word "obtain" for what is really coerce. What they do is to scare people they catch by saying they'll press lighter charges if they fink out on their friends or YIPL.

We'd love to tell you they lie, but the fact is that when the Government promises immunity they grant it. So we consulted our lawyers and have discovered something very interesting. The Phone Co. has its own law- Fraud by Wire. You break it, and they don't have to press charges, because it's a federal law. But their scheme backfired this time, because it also means that they cannot make any promises about pressing charges. If they do, and this is what makes this stolen memo important, they are BREAKING THE LAW, OUTRIGHT. And they do it, too, because people don't understand all the facts. They are, exactly:

If you are approached by the phone co., do not tell them a thing, but try to find out what they want, and after they ask you that first question, kick them out. Refuse to say a word. They are not police. They cannot arrest, subpoena, question or even ejaculate. Speak to a lawyer, one who you can relate to. Even if they come with police or campus officials, you do not have to answer any questions or let them in, if they don't have a warrant to search or arrest you, which they usually won't. Too many people have been screwed by trying to outguess or lie to them when they come to talk, so DON'T TALK. TELL THEM YOU WILL NOT SPEAK TO THEM, AND THEY SHOULD GET OUT. This infuriates them more than anything. Make sure your friends read this issue, and understand that when you deal with pigs, you're bound to step in it.

THE YOUTH INTERNATIONAL PARTY LINE



NO. 15

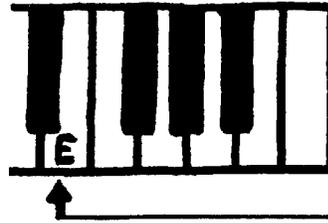
DEC.-JAN.'73

Well, it's a new year, and I feel many of you want to know the full story behind YIPL. My name is Al Bell, and a few of us started this on Mayday, in 1971. YIPL is the result of one phone phreak's realization that the Military-Industrial Komplex is not just a term you learn in school, but a force that controls the planet Earth from the country America. It became apparent to me that the vast majority of people are being used as pawns, as slaves to make a few multi-millionaires even richer. It's all done through MIC, whose main tactic is Divide and Conquer. Most people don't agree with me, thus proving how effective that tactic is. So people war with each other, and the pigs get richer. And one company has accumulated such an impressive shelf of pork that this company, more than any other company, represents the robber-barrons that dare to defecate on our world. This company is, in fact, the largest company in the World. Ma Bell is a mother of a fucker.

Though we are quite effective in helping people to steal back what is rightfully theirs, and we have also truly given a veritable kick in the groin, our purpose is mainly to make people think the question, "Why are they ripping off the phone company?", because once they do the answer will be obvious. YIPL members are actors in a play, and the world is watching. And we're having a lot of fun!

1973 looks like the year of the climax. The phone company's on our ass but if they touch us it won't be quietly. A lot of people hate the phone company from down deep, but they've never really given it enough thought to link it with world problems. If YIPL goes on trial, people are going to ask themselves questions, and that's all we want.

YIPL has in the past been too difficult to understand, and we're trying to understand. Often we've been technically simpleminded, and we apologise to the numerous geniuses out there who patiently write in and tell us, but we're learning. Basically we're trying to digest the hard stuff, and print in simpler terms for use by beginners up. But there are lots of things all of us can do. For example, Ma Bells new ways of catching blue boxers will be fouled up if we put in false indications of a BB. One way is to pick up your phone, and all your friends, dial long-distance info, and whistling 2600 cycles for a second and hanging up. This causes many wasted man-hours until they realize it was a false alarm. If we all do this from time to time, the BB detectors will be useless. And don't worry, it's legal to whistle. And fun, too! Your friends will dig doing it, and showing other people how also. 2600, by the way, is the highest "E" on a 88 key piano. Practice on an info operator, and when you hear a click after your whistle, you've hit it.

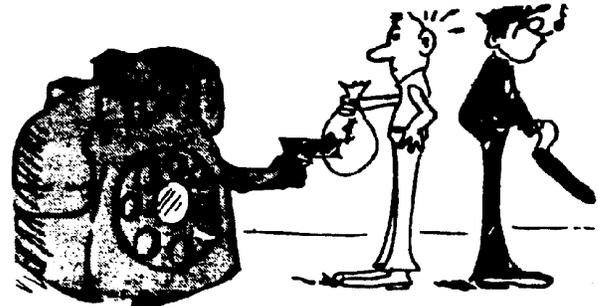


This is a picture of the top notes of a standard piano. The E note is 2637 cycles, slightly higher than the long-distance disconnect frequency.

Just about everyone has something to offer to a reader-supplied newsletter. Ripoffs, recipes, credit card codes, loop numbers, test numbers, outrageous news, computer passwords, overseas city codes, impending investigations, and anything else you'd like to share. We're never amazed too much by you people, you're all fantastic. If you're at all worried about being traced, write us on a business or school typewriter. We'll destroy your letter immediately if you want us to.

YIPL needs more readers. Okay? Please help us, yourselves, and your friends by having all your friends subscribe now, especially if they're in the midwest, Canada, Florida, Northern New England, and Louisiana, Georgia, Carolina, and Kentucky. We need to round out our distribution.

Don't miss the opportunity! There is only one YIPL. Help, make it great.



The PHONE COM- The PUBLIC The REGULATORY COM-
PANY has its say... is forced to pay... MISSION mumbles "ofk."

SUPPORT THIS BROTHER

Captain Crunch, as John Draper is alleged to be, goes to trial on November 28. The legal fees for the trial and any appeals are substantial, and John is not exactly loaded. This is an important test case for all of us, because without support, Ma Bell will win the right to wiretap illegally and get away with it. Many of you have sent money and we all, including John, appreciate it but he needs much, much more. Please send what ever you can to the Cap'n Crunch Defense Fund, Box 755, Campbell, Ca. 95008. Maybe you might donate a portion of the money YIPL helps you save on your phone bills.

A SURE CURE FOR MESSAGE UNITS

The major cause of high phone bills are those little message units. The only areas with unlimited outgoing service are the golden ghettos; those who could afford it but don't have to pay. Anyway, you can get around many of those annoying message units with the Black Box, also known as a mute, an Agnew, an incoming device. The versatile YIPL model is the simplest unit you can build, if you haven't done so, get Issue no. 11 and do it.

The Black Box won't let you receive calls free unless they are long distance. If they're local, and you answer on "Free" you'll be disconnected in up to 20 seconds. However, many times we call friends just for a second to see if they're home, or to tell them to come down an open the door, or pick them up because their train just arrived. These calls often last less than 15 seconds, but they cost message units, and those little buggers add up. (No offense meant). Here's how to do it:

When you're expecting your friend to call, flip switch to "Free" and then pick up. The phone will be ringing loudly in your ear, but you'll be able to hear your friend between the

rings. They should loudly give their message, between the rings, and hang up. You can answer them if you want. Even if the phone is tapped, the beauty of this system is that those listening can't tell if the two of you are simply on extensions at the calling party's house! And since your friend hangs up before you answer, of course there is no charge.

Sure, this isn't for long conversations, but it's easy, fun and saves money on those little message units. Even though a special, expensive test unit can detect a black box on your line if they know you already have one, it won't detect it at all if you use it like this for under two minutes, or fifteen rings. Don't hesitate to try it if you have a message unit problem each month. Our black box plans are so easy that anyone, and you too, can build it for one dollar in 30 minutes.

When calling to see if stores are open, friends are home, etc., hang up the second you hear the phone answered and you won't have to pay for the call, EVEN IF THE CALL IS LONG DISTANCE. Works great from pay phones, all of them! Just think, you may never answer your phone again!

READER SUPPLIED INFORMATION

Dear YIPL,

A good source of overseas info is The International Telecommunications Union. Write for their list of Publications. ITV, Place des Nations, 1211-Geneva 20, Switzerland. (15¢) I recommend a) List of operator phrases, b) Instructions for international tele. service, c) List of telephone routes, and d) List of telephone cables.

Dear folks,

If you want a great catalog of telephone equipment entitled, ironically, "Control by tones" write to Bramco Controls Division, Ledex, Inc., College and South St., Piqua, Ohio, 45356 or phone 513 773-8271. Ask for catalog 303 and Bulletins 201 and 204. Tell them you saw it advertised in Telephony. It contains every possible tone the phone company uses and their EIA code. Keep up the good work. R. A., Tucson, Arizona

Dear Phellow Phreax,

Two queries for you. First: Lets say I wanted to call a transit country. I know I need KP2. How do I go about using it? Second: How do I verify a line once the operator plugs me into a no-test trunk? OH

Oh yes! The "Public" service Commission (should be the Public Screwing Commission) has O. K'd a telco regulation that if you get two lines in your house, they must be the same type of service. They won't let you get an unlimited and a regular fone. Either one or the other. Must make more bux, you know.

One more thing; If you want to get equipment, any kind that's used in a home, (touch-tone, trim-line, speaker-phone, card dialer, etc.) get a friend, or yourself, who is moving in a few weeks to have a bunch of goodies installed. If it gets stolen after you move, its not your fault. Ma Bell eats tricky dick, X.

One reader reports that he built a black box and 10,000 ohms was too low to disconnect in his area. If anyone has doubt of their area, test your black box as in the instructions (issue 11). Simply pick up your phone, and when you get a dial tone, switch to "Free". If the dial tone stops, cool, otherwise use a higher resistor, like 12,000 ohms, or 15,000 ohms. Try not to go lower than 10,000 ohms.

For the "Keep up the good work department": SF Bay Area- Identification number 640, Sometimes plant

personnel answer and ask caller to identify self, and then they connect you to computer who reads back your number. Sometimes only during daytime. Ident(Reno)-444, Lake Tahoe-211. SF Bay Area touchtone check is 960-then last 4 digits of your line. When you hear dial tone dial 1 through 0. If tones and levels correct, "beep-beep" will follow. Dial 2 and hang up, and will ring back.

If it is true that Bell is making a record of incoming calls to called numbers ringing for more than 5 minutes, this can be an invitation to really bug them by calling (locally) assorted places-stores at night, outdoor pay phones, etc. Let them ring endlessly and they'll make needless printouts or tie up equipment doing so. Unable to confirm that they're doing this but at least they're experimenting with it.

Recent trick locally if they have you under suspicion is to have a foreman accompany installer or repairman to your place. Joker is really a security agent and have been known to leave radio bugs on premises, not on phone line. I know of one concealed behind head board in bedroom to get "pillow-talk". Never allow more than one installer on place, or if you have reason not to allow them to enter-someone sick, scarlet fever, etc.

Walnut creek Cal. service desk order recorder 415 937-2762. Codeafone recorder that answers to repairman to call in their time of day ending. These model 700 codeafones will keep recording as long as voice signal incoming. They can be bugged by playing music for max. 45 minutes to fill up tape which they have to wade thru to check for regular info.

Cheap way to get 2 lines in your home at lowest cost in Cal. Get a one party flatrate. Have it put on "vacation rate" which good to max. 7 months that can then be extended indefinitely. Possibility little argument with business office re: that you're on vacation. Use line for outgoing call, at half price. Then order a one party "survival fone" which allows 30 mu. Have the one party flatrate unlisted. The 30 mu. listed and for incoming calls will cost \$2.25/mo. The flatrate is \$4.80; vacation rate \$2.40. Thus you get two lines (one 2-way and one outgoing only) That's less than the flatrate two-way. Of course the 30 mu. can be used for outgoing, no extra charge up to 30. Only catch is the "survival" fone not supposed to be in same "living quarters" as other fones, but have it installed in extra bedroom that belongs to a boarder or to your "Aunt Minnie". Have them installed at different times.

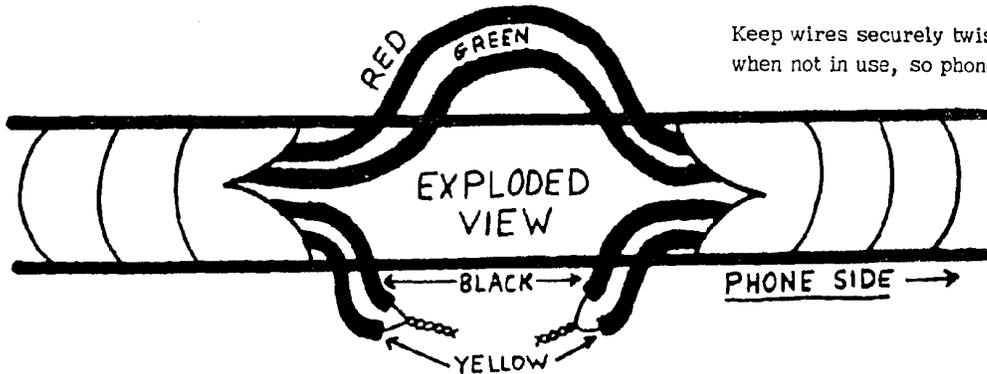
BUILD A "T" NETWORK FOR FUN & PROFIT

If you live or work near a pay phone, then you might have an excellent opportunity waiting for you. It's called the T network, and it gives you back your money after a phone call. There are many variations, but right now we'll explain how it works and the simplest way to do it.

The pay phone stores your money, either to return it or to deposit it, depending upon whether a + or a - pulse of 130 volts is sent to the phone. The pulse is sent down both the red and green wires and returns to ground through the yellow or the black wires, sometimes both. These wires are in a thin cable usually running along the wall near the phone. In an inconspicuous way, carefully slice along the wire, exposing the 4 wires. Move the red and green wires out of the way, and cut the black and yellow wires, then strip off 3/4" of insulation from all four cut ends. Tie the Y & B on the phone side together, and do the same for the other pair. Touch the two twisted pairs together now, and dial direct a long distance call. When the operator comes on, deposit the

amount she asks for. While talking to your friend, disconnect the two pairs, because after approximately 2 minutes and 40 seconds, the pulse will come to collect your initial deposit. However, the pulse will no longer be able to flow through the phone because you disconnected the ground wires. It's best to hang up when the operator comes on after 3 minutes and says "End of initial period, signal when through". Now wait to make sure another pulse doesn't collect your money, for at least ten seconds. Then pick up the phone again, and re-connect the wires. You will get a dial tone, so hang up and JACK POT, all your money will come down again.

Since the phone company usually knows how much the re should be in the phone at collection time, they will notice something amiss. However, you can pull this off for a few months and up to a few hundred dollars in calls and then be sure never to do it again, because if they find your broken wires, they'll stakeout the phone to catch you. Best to do it for only 4 weeks and then stop for 6 months.



Keep wires securely twisted together when not in use, so phone works o.k.

British Phone System Rigged For Free Calls

LONDON (AP) — Police are on the trail of the phantom who rigged a British city's telephone exchange so that 2,000 students could make calls all over the world for free.

Government investigators traced the secret wiring in the ancient southwest England city of Bath last month.

But they fear the phantom has already wired up other cities for free calls that are costing the Post Office, which operates Britain's telephone system, a fortune in lost revenue.

And worse, they believe there may be more than one phantom.

"This is a serious national problem," a Post Office spokesman said. "We are making investigations in other towns all over the country to get to the bottom of this fraud."

The Bath affair was the first "dial a diddle" fraud investigators had cracked.

They found that the Kingshead exchange in the historic city, which dates back to Roman Times, had been illegally wired and that at least 2,000 students at the university there knew about it.

Investigators installed a monitor that enabled them to trace the illegal calls and trap nine students. Each was fined a nominal two pounds, or \$4.76, last week for "dishonestly obtaining electricity from the Post Office."

But the university's students and many townspeople knew the special dialing code that activated the hook-up to obtain an open line to anywhere in the world without the call being registered. Police said the secret circuit was "creatively used."

The president of the university's Student Union Bill Moger, said: "Just about everyone here knew the code."

"It's been going on for a long time and it seems the Post Office left it operating to try to catch the people responsible for putting it there. But they got the wrong people."

Police said there was "insufficient evidence at this stage to establish the identity of the person or persons responsible."

John Draper, alleged to be Captain Crunch, pleaded no contest to Toll Fraud charges on November 28 and received a \$1000 fine and 5 years probation. John's glad the whole thing is over, even though the plea bargaining was a little unfairly balanced. Anyway the real Captain Crunch informs us that the busy test for San Jose is 1999, and that if any of our readers getting an overseas trunk by dialing KP 011 XXX ST they should realize that 011 will only work on IOTC accessible lines, such as N. Y. or California information. Most 800 numbers will not accept 011. The Captain also says that stacking trunks is now too dangerous and has no useful purposes.

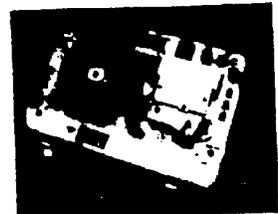
ars;

Cancel my sons subscription to your paper immediately, please. He is 14 years of age and has no interest in it. He only subscribed to your paper just to see if it actually existed. Anymore papers mailed to our address will be returned to sender. Thank you. -KH, N. Y. -

Dear YIPL,

For practice dialing overseas: London weather: KP 044 1 246 8091 ST, Australia weather (Sidney): KP 061 3 6064 ST, Australia time: KP 061 2 2074 ST, Free Telephone Co. News Wire Service any where in the U.S. and Canada (direct dialed): 212 394-1212. Listen to Helen Banks (sounds like Shirley Booth) and Marian Warshaw give top secret (ha) telephone company news twice a day. -L. A. -BKLYN, N. Y.

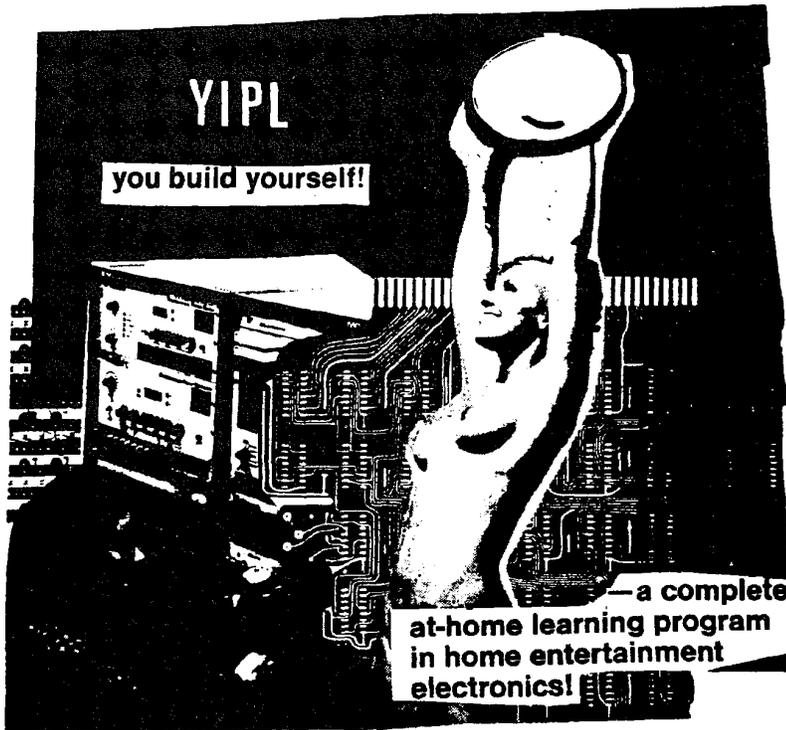
TELEPHONE DECODER



Model 250 Universal Telephone Decoder features automatic printout of both Touch-Tone and rotary dial signals. Instrument records date of call, off-hook time, on-hook time, and responds to asterisk and keyboard symbols whenever these special functions are utilized. Printed indication of the presence of 2600 Hz tones is available optionally.

Special Features: Model has polarity-independent input circuitry, negligible line loading and is internally protected against high voltage line transients.

VOICEPRINT LABORATORIES.



feb. 1973 no.16

ALL NEW

RED BOX



THE YOUTH INTERNATIONAL PARTY LINE

Dear YIPL,

In issue no. 15 the "T" network does not work for the Southern New England Bell Co. system because coin return etc. still works with only red and green wires, even when yellow is cut. (there is no black for S. N. E. T.)

Collect calls are accepted always at a certain pay phone in a dorm. Could this mean that it is being tapped? If so, how can I tell? Is there any way that I still can work the "T" network?
-DESTROY- CONNECTICUT.

In certain places the pay phone uses a ground wire separate from the phone line cable. Look for a wire to a nearby pipe, or to an electric fixture plate. Otherwise, try reversing the polarity of the red and green wires, this should reverse all collect and return signals.

Pay phones that don't start with 99 or 98 in the last four digits are good targets for collect calls. Operators usually don't accept calls to most pay phones because they recognize the #.

Sirs,

In writing to receive your publications my sole interest was in gaining knowledge about electrical systems. Yet, upon receiving some back issues (ordered 11/72) I have found the political motivation of your organization totally contrary to my own. My interests certainly do not lie in "ripping off" the Bell system. Eventual reform in society must come from more concrete and beneficial works (this being the primary idea behind my involvement with UNICEF).

Because of the misunderstanding initiating our contact, I must demand that all further communications cease immediately. -D. C. -N. Y.

YIPL has determined, after exhaustive testing, that the economy has taken a turn toward heaven, thus tempting us to raise our prices. Of course, we wouldn't think of doing that to you, our money-drained devotees. So we decided that the only way to keep YIPL's price down is to increase circulation immediately. That means every YIPL has to sign up one friend, or a few YIPLs have to sign up several friends. You people are taking part in the greatest man vs. machine drama ever to unfold in the history of civilization, and you can help to make it a lot of fun, so help out, O.K.? Don't forget that the more people we have, the more we have to intimidate Bell with, the more information we get to use and people to use it, and the more people who will save money on expensive calls talking to loved ones(Aw, shucks!).

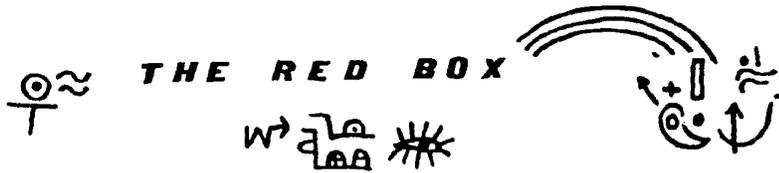
hot to print!!

Dear Friends,

Just finished reading "Happiness is a Blue Box" in the Yipster Times and all I can say is here is my 2 dollars for the YIPL.

Off the subject of phones, tape recorders can be a powerful tool in challenging your construct of the world and to understand how words manipulate (which can be used to your advantage). Tape recorders can be used for social change. For fairly extensive experiments with the tape recorder, read "THE JOB" by William Burroughs (Naked Lunch) published by Grove Press. Only in hardcover to the best of my knowledge, but some libraries have it. Read "THE JOB" if at all possible-most exciting book I have come across in many a year.

-YOURS TRULY C. K. -MICHIGAN.



CONSTRUCTION

The largest units in the red box are the telephone earpiece and battery. Since the unit works on 9V and has no coils, 10V parts can be used. The push buttons are high quality units that won't bounce on you and fire the box twice. Grayhill makes some good ones. Snap action are the best, but they make noise when you hold the box up to the phone.

Different earpieces or speakers will produce different volumes. If a low impedance (8-32ohms) speaker is used, less volume and more battery drain will result. Increase the value of the 10 mfd. output capacitor with low impedance speakers, and increase 22K gain resistor if necessary.

Remember, with a red box you are going to play it for an operator who will easily recognise a faulty tone pulse. So make your solder connections tight & use good switches. Cover the speaker holes with a small patch of thin foam to prevent gook from flying into the magnet.

OPERATING PRINCIPLES

The red box consists of four sections, the oscillator, the flip-flop, the timer and the amplifier. To understand how these produce the necessary tones we'll take for example a dime sound. A dime is two pulses of 2200 cycles, each being 60 milleseconds long, with a 60 ms. space between them. When you press the 10¢ button, the flip-flop starts turning on and off, on for 60 ms. and off for 60 ms., continuously. This in turn shorts out the oscillator, producing on and off pulses to be fed to the amplifier and speaker. How do we get only 2 beeps? Well, when you press the button, the timer starts. After 180 ms. it turns off the flip-flop, thus stopping the tones. Other sounds are produced by changing the speed of the flip-flop and the delay of the timer. Also, the two RC pairs of 1M and .047 pulse the timer and the shorting transistor, to start the timer and flip-flop at the same time. Current drain is approx. 7 ma, so don't worry about the battery. You will hear some leakage after the tone sounds if you keep holding the button down, but this is alright if it's faint or if you let go.

TUNING

First, adjust the 30K oscillator trimmer to produce a beep when a button is pushed. Then, simply call a friend at a pay phone and have him deposit money. Tune the oscillator to the same pitch as the beeps you hear. If the oscillator is too high, raise the .0033 cap to .0047. If the range of the trimmer is too small, add a 30K series resistor.

Now, you should get one, two, and 5 beeps for 5, 10, and 25. If not, you'll need to adjust a bit. If you get only 4 beeps for 25, raise the 620K resistor. This may, however, change the 5 and 10 beeps. The 680K resistor is the number of beeps for the dime, and the 120K is for the 5 button.

The 150K resistor controls the speed of the flip-flop for 25. If you get 5 beeps, but they're too slow compared to the phone your friend is at, you can speed them up by lowering it. This will give you more beeps, however, in the same period of time that used to give you 5 beeps. So then you should lower the 620K until you get 5 beeps again, and then check for proper beeps on the other buttons. Always adjust 25 first, then do 5 and 10.

5¢ = 60 on
 10¢ = 60 on, 60 off, 60 on
 25¢ = 35 on, 35 off (5 times)

CALLING

Go to a pay phone, dial your number direct (after depositing a dime) (or 20¢) and when the operator comes on she'll ask for more money, and possibly even return your dime. Now, very slowly and quietly put the red box up to the mouthpiece and press one button per coin, and be sure to pause several seconds in between each coin, just as if you were reaching for the money in your pocket and fumbling to put in the coins. If the operator gets suspicious it could be for two reasons; first, you may be off tune or off speed. In that case tune it. Second, the operator may be suspicious because in some areas a visual indication of insertion of coins is provided for the operator. So the operator may say something like "I'm sorry, sir; but that didn't register". Just mosey along to another phone booth. You'll find the red box is the safest box to use and easy and fun to use, too. Even the operator will thank you!

DEAR YIPL
 While living at an Indian Reservation I learned an old Apache phone pbreak technique. Simply take a penny and rub it down to the size of a dime. The pavement works well.

-JK ARIZONE-

DEAR YIPL,
 Take some plaster of paris and drop a quarter into it. Let it harden, and then very gently take out the quarter. You should have a smooth and accurate mold. Now fill with water and put into the freezer compartment of your refrigerator. When the water freezes you have a piece of ice you can use in all sorts of machines. Sometimes foil or other insulator is used to make it easy to pull out the ice.

-BB MISSISSIPPI-

IMPORTANT NOTICE

... about the enclosed 1973 telephone credit card.

To make certain no unauthorized person is using your card, the telephone operators who handle credit card calls may ask you a question or two whenever you place such a call.

They're the type of question that can be answered easily and quickly by a person having a credit card, but should discourage an unauthorized user from trying to complete the call.

We hope you'll understand that our operators will be doing this for your protection and ours.

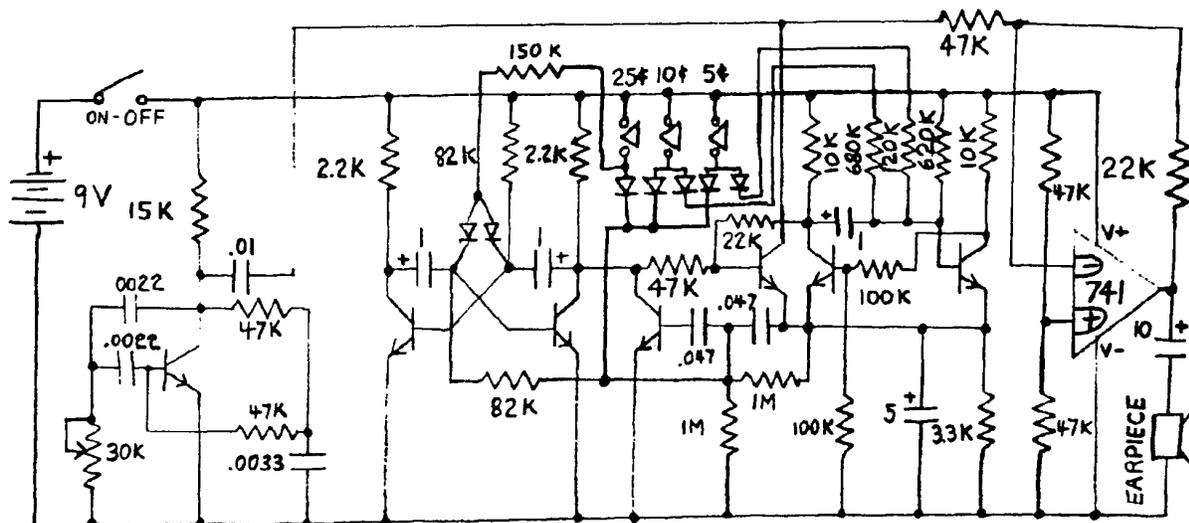
As an added precaution we urge you to treat this card as you do your other credit cards:

- Notify your Business Office representative at once if it is lost or stolen.
- Do not give the card or number to anyone else to use.

Thank you for your cooperation.



Since credit card owners are receiving these notices with their new credit cards we can expect to play some games with the operators this year. Don't sweat, the questions are only designed to scare you and make you hang up, thus giving it away. Though you might get a few questions like the name of the company, city or area code of the credit card number, you'll have no problem if you keep cool. The operator knows at most the name of the city and area code, not the company's name. So have your number memorized, and if you need the code numbers for certain cities, get YIPL #8, and be sure to read our reprint on making credit card calls. Also write in and tell us what kind of questions operators are asking in your part of the country.



All resistors are in ohms, 1/4 Watt, 5%. Capacitors above or equal to 1 Mfd. are electrolytic. Smaller capacitors should be epoxy or mylar hi-quality capacitors. Earpiece is a standard phone earpiece, and diodes are small signal, silicon, similar to 1N914 or anything else. Transistors are all 2N2222, or SK3020, or Hep 55.

NEWS PHONE

TEL-COM is a computer designed by two San Francisco engineers. It is essentially a telephone caller with a recorded message. It can be programmed to call up to 50,000 homes before being reprogrammed. Oh yes, if your line is busy it waits and calls you back. A lot of laughs when your taking a bath, or just sleeping around the house. (sic!)... Then there's the "fone freak foiler" which is merely asking phone-phreaks everywhere to spend a few minutes everyday dialing long distance info and whistling (or blue boxing) 2600 Hz and after getting an open line hanging up. This will activate the telephone company's foiler with a false alarm. If enough people do this, well you know the answer to this one... A recent Bell Telephone campaign and PR sheet claimed that 90% of all coin phones, in New York, were in working order at any given time. However, a recent YIPL survey of coin phones in the Manhattan area showed 83% out of order... The name of a Midtown restaurant, Ma Bells. We decided to go in and try the specialty of the house, fried onion rings. Although there were many empty tables they told us we would have to wait because they were too busy. We finally got a seat but had to explain so many times to the waitress what we wanted that we blew another 15 minutes. Finally the waitress came back with the wrong order. The bill for just one order of onion rings was unbelievably high, due they said to hidden costs. (it was nice of them to let us know they couldn't tell us what the hidden costs were) Since we never got the onion rings we refused to pay. A big burly looking bouncer stepped up next to us and told us we'd have to pay, but that next time we came here and ordered onion rings we'd have credit. They couldn't understand that next time we'd make our own onion rings.



Many times people ask YIPL questions that we don't have the answer to. Questions dealing with what operators know and don't know, how phone traces are done, and general policies of the Bell's crack security gang led by the fearless Joe Doherty and his turtle Flash. We need people to answer questions like whether ESS will allow Blue & Black Boxes in the areas where they live. We need operators to tell us how they know when enough money is put into the phone to fill it up and it has to be dumped. Tell us anything and everything, don't sign your name, and tell us if you don't want us to print the letter. And if you have friends who work for the kompany, have them write us.

YIPL, it is said, has its better days. And although we're doing better in mailing now, the Post Office isn't. YIPL is mailed third class. Now first class goes slow, and even second class doesn't go much faster than osmosis, but we go at the very end of everything else, when we go at all. And there's no sense trying to make it any better because postmen steal your mail, our mail, and everyone else for that matter. So be patient. Allow 2 months for delivery of a newsletter, 1 month for back issues. And do not send cash or stamps through the mail, BECAUSE THE POST OFFICE STEALS IT. OUR MAIL IS CENSORED, RIPPED UP AND STOLEN, AND WE DO NOT RIP ANY OF YOU PEOPLE OFF. But if you send your \$2 and we don't get it, we figure you might have forgotten to stick it in the envelope or it might have been stolen. So we ask you to send it in check, or to check if your previous check was cashed. If you don't receive an issue, wait awhile and if the following issue comes, let us know and we'll send you what-you missed.

Dear YIPL,
I have found out one way to make all the long-distance calls you want from your or your friend's home phone, provided it's not bugged. The desired number is dialed direct. As soon as you hear a click, push down the hang up button several times very quickly for a second or two. An operator should come on the line shortly because apparently by pushing the button you mess up the equipment that is trying to identify your line. Give the operator a number other than your own, but with the same prefix. It is best to use a number that's not in service or of a pay phone so the phone co. won't try to find out who called the number. I tried in Houston, but it didn't work. If it works in your locality-then great! Use it to make long 800 and information calls appear on other people's records, too. Keep up the great work.

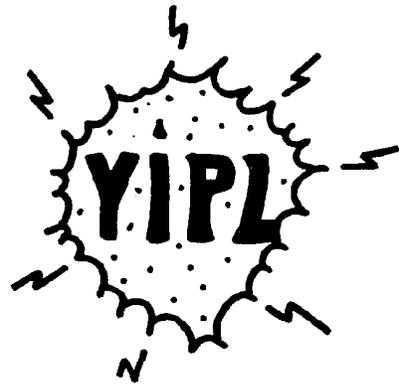
-SW TEXAS-

THE YOUTH INTERNATIONAL PARTY LINE

AMMO

MARCH-APRIL

1973



no.17

Glancing through the back issues of the NY TIMES from January 1971 to the present has unearthed enough worms in Ma Bell's earth to plant a million seeds of rebellion. Among the strong points in favor of our arguments that Ma Bell has been a major force in moving this country towards inflation is the fact that AT&T decided to raise the rates for TV program transmission. The rate increase affected all the TV networks. The rise in rates was passed on by the network corporations to the station's commercial sponsors. In many cases the sponsors passed the rate increase on to the consumers. Not only did commercial time cost more, but there was also a noticeable increase in the amount of commercials on the network programs. FTC commissioner Jones replied, "TV commercials tend to suggest that use of the advertised product will solve listeners problems and fulfill their ambitions. I see no need to regulate."... Question of the month, has AT&T collected that 1.15 million dollar phone bill owed by the Democratic party since the 1968 convention?... The following are phone facts as reported to the NY TIMES ... Directory assistance service in 1970 reached 497 million, estimates for 1980 are placed at 840 million... Did you know that Ma Bell will soon be charging by the message unit all calls placed to information? AT&T now says the reason for charging for info calls is to drop the work force by 8% (about 8000 people) to meet the rising costs (sic!)... J. Billingsley, a Bell rep, says the phone company is not hiring to reduce the work force... AT&T spent 7.6 Billion dollars on new facilities in 1972... Last year the NYC PSC ordered NY TEL to pay 1.50 monthly rebate to worst service. The company estimated total rebate paid at 15 million annually... FTC study of America's 20 largest cities finds service in Bklyn ranking LAST!... NY TEL, otherwise known as NY MA BELL, holds 23 million dollars in deposits for its customers, yet only has 20 million in debts. This practice goes on in many places around the country... and there has been a growing number of complaints against the high deposit rates... A US Senate sub-committee on intergov't relations reported that the Pentagon was willing to provide auditors needed by the FCC to carry out its investigation of AT&T rate structures. It seems that every time there is going to be a rate increase the FCC turns its back and uses the excuse that they do not have sufficient money and manpower to investigate. (It's rapidly becoming a trite cliché)... Now, a few months later we pick up the NY TIMES and read an article dated July 22, which states that the Pentagon's telephone bill went up by 4.7 million dollars a year. The Chesapeake and Potomac Telephone Company won the increase Nov. 17 from the Virginia CC, but federal officials obtained a restraining order preventing it from taking effect. The federalists argued that the rate increase violated the supremacy clause of the United States Constitution. However, the panel ruled that the supremacy clause was not violated because there was no evidence that the state of Virginia was attempting to restrict the operations of the Federal gov't. The Pentagon, which is situated in Virginia across the Potomac River from Washington now must pay a long distance rate for all calls going into the capital.

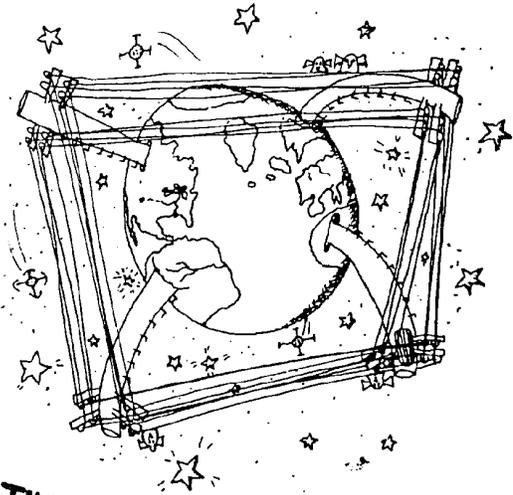
DON'T GET BUSTED!

Phone phreaking, perhaps more than any other pastime, requires a great deal of savoir faire. If you want to be free to phreak, you have to know how to watch your step. There is a definite art to speaking on the telephone. For example: it simply isn't cool to call up a friend and speak openly about illegal activities. The chances of a phreak's call being tapped are significant, and your friend won't appreciate it either. Wait for operators to click off before beeping. Other common sense rules include not giving out the names and numbers of other phreaks or those places where phone phreaks hang out or buy their equipment. Listen always for the operator to click off, and even then never assume the line is completely cool. Also remember short frequent calls are more effective than long calls. The fewer times you continue to use the same phone location the cooler it is also.

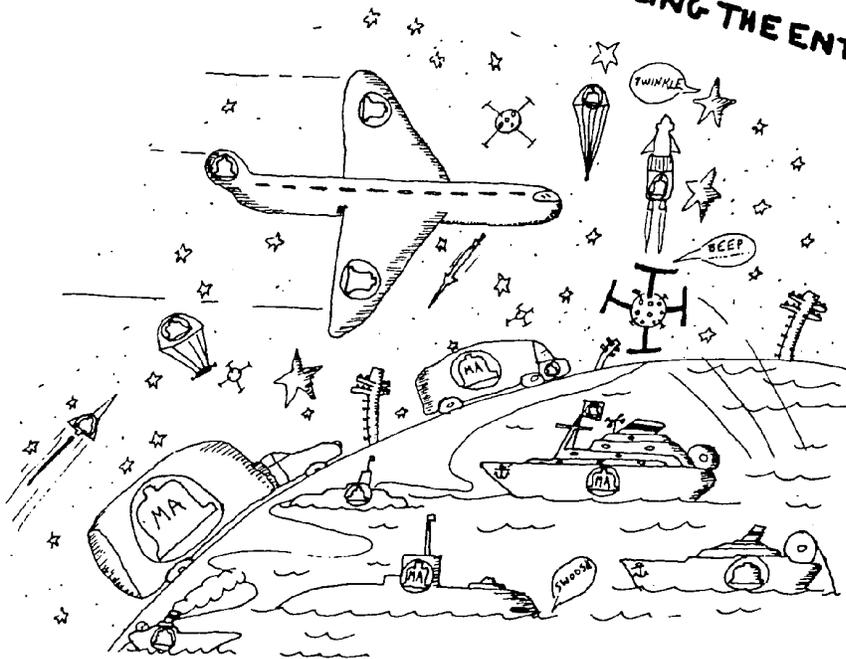
Many of the phone phreaks whom we know have been busted have known common sense rules in general, but trusted too many people into their confidence. As a rule never let too many people know you are a phone phreak; informing by others is the most common bust. Sometimes these informants turn out to be "friends". If you suspect someone is going to bust you stop phreaking for a while. This goes for any suspicions you might have. If you feel heat merely stop phreaking or find a totally new location. If you are approached by Ma Bell just say, "I want to talk to my lawyer first." That's all! You do not have to say anything without a lawyer. Find a lawyer you can relate to; it is not advisable to rap with an ex-DA.

Remember above all that using your home phone for blue boxes is the easiest way to have Ma Bell come knocking at your door. Play it cool, and don't pay.

The People's Bicentennial Commission is a group working towards a Bicentennial celebration that is not the Corporate sales ripoff or the Pro-Administration indoctrination that the American Legion and the White House are attempting to put over on us. Rather, PBC is pushing for a nationwide education on what the values of the American Revolution and the Constitution really were, and how they've been lost. Write to them at 1346 Connecticut Ave. NW, Wash., d.c. 20036. Tell 'em Tommy Jefferson sent you.

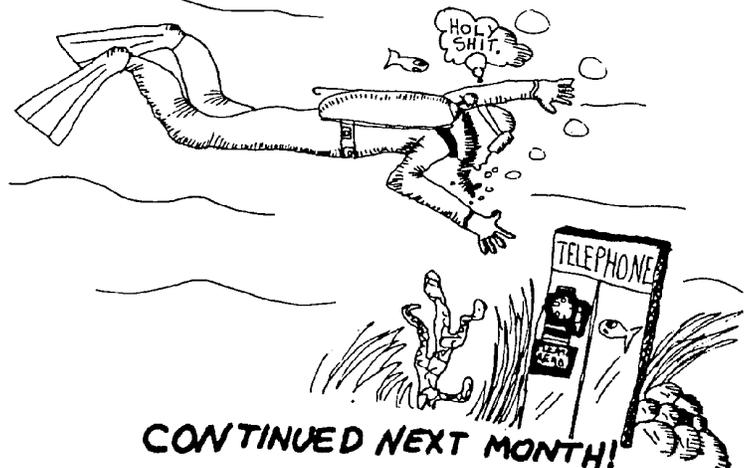


**JUST THINK WHAT YOU COULD DO
if you OWNED
WIRES CIRCLING THE ENTIRE PLANET!**



...AND FLEETS OF VEHICLES EVERYWHERE!

**JUST THINK WHAT YOU COULD
Do if you WERE EVERYWHERE!**



CONTINUED NEXT MONTH!

RED BOX PHREAKS!

GREETINGS

On the single-slot coin phones I have frequently been able to get a dial tone by putting in a nickel and giving the hookswitch a short tap (this takes practice). The dial won't work, though, so you will have to tap out 211 to get the operator.

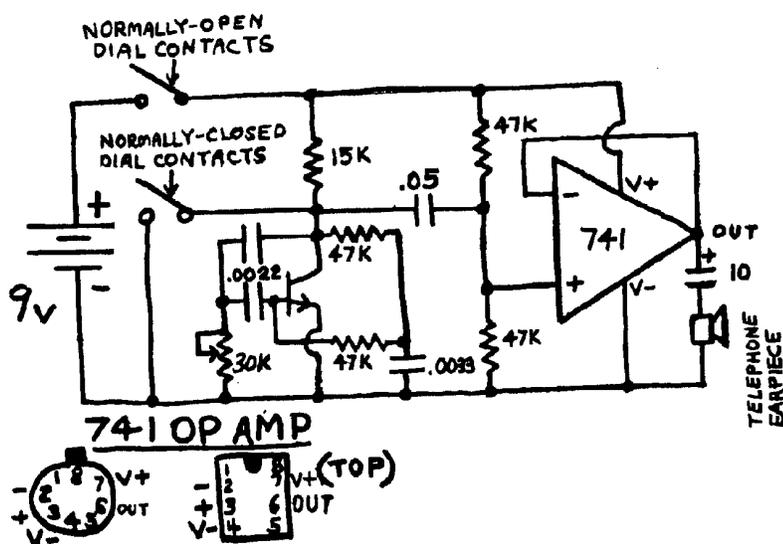
I have built a red box using an oscillator, a telephone earpiece, and an AE phone dial. The shorting contacts of the dial are used to turn on the oscillator when the dial is off normal, and the break contacts are used to short out the output of the oscillator except during the tone pulses. Nickel, dime, and quarter sounds are made by dialing 1, 2, and 5 respectively. (although #6 seems to sound better as a quarter).

On my phone line whenever you dial a toll call (including 800 and info), the polarity of the line is reversed for about a second. If a diode is wired into the line so that it conducts only when the polarity is normal, the phone will be electrically hung up whenever a long distance call is made & can be used like a "dial-lock" but this device is foolproof (but only for long distance).

-H. G. NY-

ED. NOTE: For those of you who want to make a simple and reliable red box, we show a schematic of an oscillator and amplifier and telephone dial. It is basically the same as last month's red box, except that a telephone dial replaces the flip-flop and timer, thus mechanically producing the tones.

All resistors are half watt 10%. Transistor is 2N2222, SK3020 or Hep 54. 30K trimmer is used to adjust frequencies to match that of a pay phone. Remember, pay phone tones are best heard on another phone that has called the pay phone. When listening to an actual pay phone, keep in mind that a quarter produces faster beeps than a nickel or dime. Adjust the speed of the dial to produce accurate nickels or dimes. Then simply force dial to return faster for the quarter (it takes a little practice). If you don't know how to adjust the speed of the dial here's how it's done: on the back of the dial is a governor which looks like a disc brake. The semi-circular brake shoes slow down the dial when not held in tightly by the spring. Tighten the spring for faster dial return. This is tricky on the enclosed governors, but it can be done.



Our Red Box circuit of last month isn't perfect, and we've got a few improvements. First, change the value of the 2.2K flip-flop resistors to 10K ohms. This will cut down your battery drain to less than 4 milliamps.

Secondly, if you're getting strange extra pulses when you continue holding a button down, try putting a 25 mfd. capacitor right across the battery.

Finally, if you experience incomplete turn-on or turn-off of the tones, change the 22K timer output resistor to 47K.

If you want to build a red box but don't know how, YIPL will publish next month instructions for recording the tones perfectly on a cassette tape recorder. Any inexpensive unit will work, but it's easiest to use a cassette with manual recording level controls.

In August of 1970 I called up information and got a man on the line. He said he was information and after a while I got him to tell me how he got on the line.

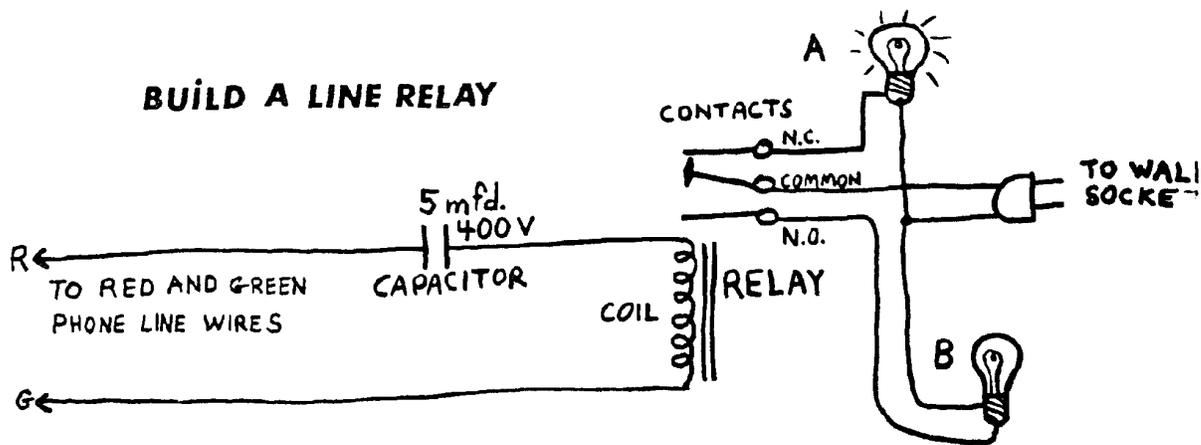
He told me all you have to do is call 411, wait for the assistant to hang up, and just hold on to the line. Well, I did this and to my surprise people would come on the line asking for information. The line would be completely silent between callers and I wouldn't have to hang up.

There was just a click and I knew someone else was on the line. I did this for 3 days. After that, since 1970 I haven't been able to do it. If anyone knows of this happening, I hope they can tell me how it can be done now.

Also, during the same time period, I used to dial 830-7267 and the line was dead. Once in a while I would hear two people then talk to each other. Any more numbers that do that anymore?

-S. BKLN, N. Y. -

BUILD A LINE RELAY



The Line Relay is a simple yet interesting device you can put on your phone line. It will do almost anything you want when your phone rings, such as turn on a light, answer the phone, turn off your stereo, etc. We will show some extension projects in future issues.

The phone ringing is 90 volts AC, often superimposed on 45 volts DC. This 90 volts will operate a 115 V AC relay, which can in turn supply power from the power lines to any ordinary appliance. The relay is commonly available. However, a capacitor is needed to DC isolate the relay coil from phone line. Without

it the relay will draw a dial tone even with the phone on-hook. The capacitor should be non-electrolytic, and as many microfarads as possible; 5 should do nicely.

The contacts of the relay can operate any circuit you want. The diagram shows how the normally-open and the normally-closed contacts can be used to light Lamp B and extinguish (a good word to know) Lamp A when the phone rings. In order to prevent the relay from "chattering" (vibrating rapidly up & down) you can loosen the relay spring slightly or increase the size of the capacitor.

DEAR YIPL

On the new type pay phones (single slot) you can make a local 10 cent call for a nickel! Just when it's about to hit the triggering mechanism bang on the dial then bang it a few more times than tap the receiver button till you get your dial tone. When you hear the dial tone the dial will not react to it so dial by hitting the receiver button. For example, if the number is 648-6003 tap the button 6 times-4 times-8 times and so on waiting a few seconds between each number. You can also get the number by tapping it 10 times for Operator, in some areas you can get the Operator by tapping out 211.

-P. R. BROOKLYN-

DEAR YIPL

The call back no. in Chicago is 571-6, its the only known no. in existence. Also some new loop nos. work on the supervised-unsupervised method. The last four digits are 9973-74. Any exc. between 271 and 973 are effective. For those that care, here are some switchman nos. (all of this is Chi-town) ED4-9952, LA5-9952. Just screw around with the exchanges and use 9952, and your bound to come up with a switchman somewhere in this city. Also for those who might like to know, a majority of the system here works on cross 1 paneling. I'm sorry at the passing of the party in N. Y., back in January. I know, I hung on the night they fucked around with the volume. But no need to worry, I'm in the process of establishing a party line in Chicago!

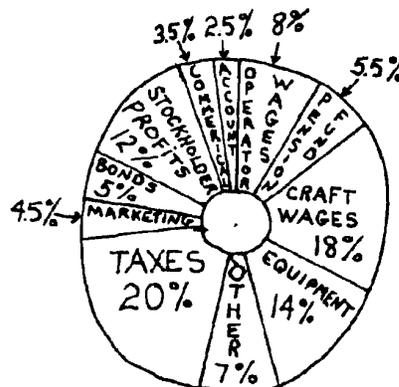
-B from CHICAGO-

Also: the telephone co. news wire service no. printed in issue no. 16 is not free. Here's one in Chicago though that is. (312) 368-8000. Listen in on the Bulls!

The inflationary spiral is taking its toll around the world today, especially in the U.S. We blame greedy corporations, the prime example being AT&T.

With all the profits they are making, why are people borrowing more and saving less? Because, friends, our public utility, the phone company, does not use the profits to improve phone service. As you can see by the chart, more than 45% of your #14 brass washer pays for profit and expenses which are unnecessary in a true public service giving free local service to everyone (marketing, part of accounting, interest, and regressive taxation). In a socialist economy, the phone company wouldn't have to advertise (marketing expenses). It doesn't have to now! There's no competition! As far as taxation goes, a poor person pays the same amount of tax on a monthly basic charge as someone better off, even though the tax goes straight to the government (and to the military waste).

And local telephone service costs the phone company that same 45%! Which means that a socialist economy would provide service improvements like this in the other so-called public utilities in this country.



WHERE YOUR SLUG GOES.

THE YOUTH INTERNATIONAL PARTY LINE

a special

sex change issue

AMMO

no. 18

may 1973

MA BELL

IS REALLY

PA BELL IN DRAG!



Dear YIPL,
I dig what you're doing and it certainly comes out of having a "high level of consciousness"--so why not be that on all levels? ---and stop using the term "MA BELL". (ok, quit making that face and listen!)

First, that term is just another way to lay something negative on females--Mom, Momism, etc. (another dirty name, if you will) and second, we all know its an elite, white, male power group that rules and oppresses all of us ---so c'mon fellows, be really hip and together and change the term (radical women did at least 3 years ago) to "PA BELL"---cause you know there's not one woman with any kind of power at AT&T! Keep on keepin on...

-CC NY-

Dear Brothers and Sisters,
I am writing this letter in an effort to obtain your assistance in putting a stop to this neo-Nazi brainwashing S. T. A. R. T. Program here at the U. S. Medical Center, Springfield, Mo. S. T. A. R. T. (Special Treatment and Rehabilitation Training) has been in operation since Sept. 1972. I have been here since Feb., 1973 and I can honestly state that this "program" is only punishment under the guise of treatment; I have personally seen fellow prisoners drugged and brutally beaten for having the courage to stand up as men. If you care to know more about S. T. A. R. T., please let me know. We need your help, in the following manner. 1) Write to Norman A. Carlson, Dir., U. S. Bureau of Prisons; 101 Indiana Ave. N. W., Wash., D. C. 20537 and ask him to either abolish S. T. A. R. T. or make it voluntary. 2) Write to the U. S. Magistrate; U. S. District Court; Western District of Missouri; Springfield, Mo. 65801 and ask him to rule on behalf of the prisoners who are challenging this "program". We sincerely thank you in advance. Peace and Power,

Note: -Inmate, Missouri-
Call Norman Carlson at (202) 737-8200 ext. 2226 and talk to some surprisingly nice people about your concern.

DEAR YIPL
In the Boulder, Colorado and Denver area dial free 1-200-555-1212 to hear the telephone computer relate your phone number. It could be useful for tapping lines.

-AC COLORADO-

The Carter Phone decision gave birth to the booming "interconnect" industry, allowing manufactures other than Western Electric to produce and sell phone equipment for connection to the phone system, and in place of otherwise high monthly rental rates for BELL equipment. Now, the phone kompany is striking back! They're undercutting their rates for the equivalent independent equipment, and raising the rates upon which they have a monopoly, namely monthly service. This rate - juggling is being rubber stamped by the public service commissions around the kountry. That means that you pay more for your own phon to make up for losses PA BELL sustains strangling free enterprize...Donn Parker; computer scientist at the Stanford Research Institute has investigated one hundred computer-related crimes and "in almost every case there is some new aspect-something that hasn't occurred before. Computer criminals, he said, tend to be "very young, very bright and highly motivated" persons who see no wrong in attacking a large corporation. Their intelligence and motivation, coupled with security techniques far behind the rest of the industry, leave large corporations facing potentially staggering losses of info, computer programs and valuable equipment. . . The University of Arizona Student Union took AT&T before the FCC, because of their refusal to lease a toll free WATS line to them. WATS is designed, AT&T said for high-volume commerical customers who find it cheaper to buy phone service at a flat rate rather than by the unit call. (English Translation-Quantity discounts for the biggies only, and screw everyone else!)... Ringback for Madison step exchanges 255, 256 is 91911. 251 and 257 are ESS exchanges. Ringback is 978 plus 4 digits plus push switch-hook once and hang up. . . AT&T has no device to attach to residential phones to prevent unauthorized long distance phone calls. "We frown upon such devices." When asked about the model they offer to large businesses, a Bell service rep said, "Yes we do have that, but cannot install it on private lines." Ever felt like cutting down on the amount of long distance calls made from your phone? One guess why the phone Kompany has no such device for YOU!... A phreak in Wisconsin was recently busted when a central office repairman "overheard" multi-frequency tones on the line. Just happened to be passing through. . . Tel Aviv (AP)-Two international telephone operators in Tel Aviv are looking for new jobs. Premier Golda Meir was on the overseas phone recently, talking with her ambassador to Washington, Yitzhak Rabin. The conversation turned to an article in an American newspaper. "Which newspaper was it in?" Rabin asked. "In the Washington Post," came the unsolicited answer from an operator, one of two who subsequently were fired for eavesdropping.

L. Patrick Gray, Director
YIPL

Dear Pat,
By dialing (212) 797-8079, you can get a recording which will let you practice listening to Australian and Japanese telephone signals.

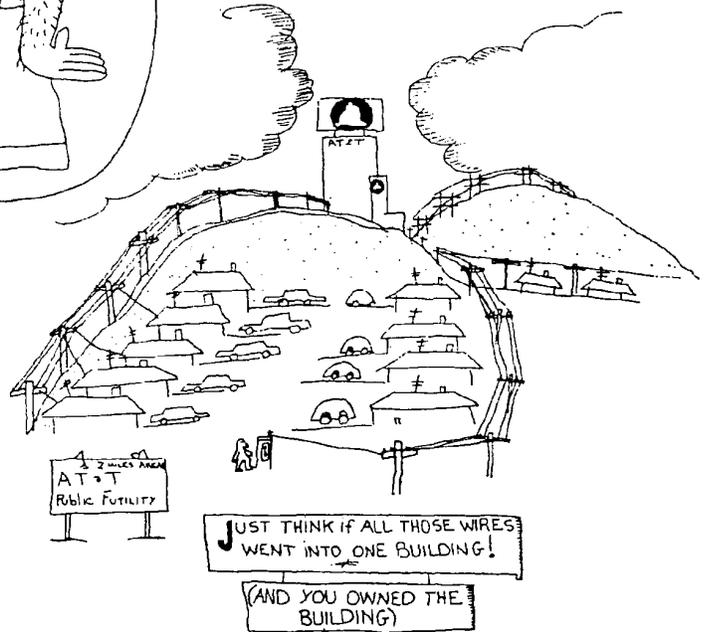
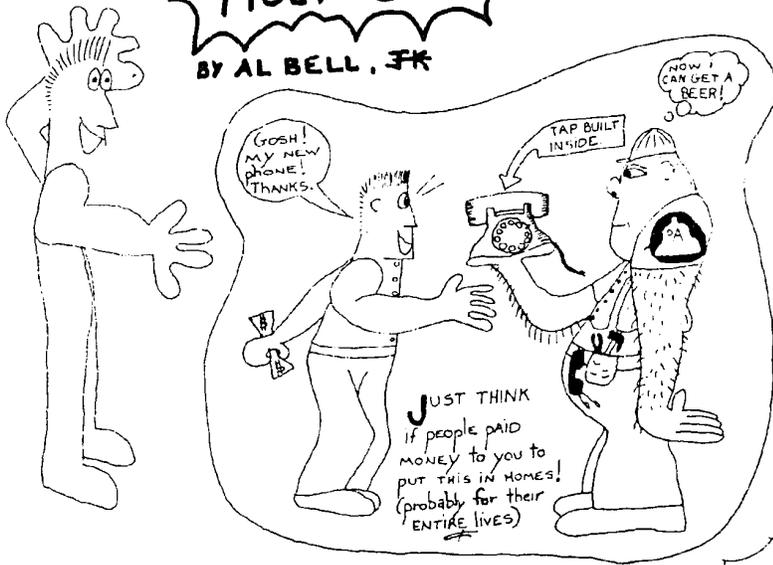
-DICK-

Dear YIPL-
A "Diez Centavos" piece (translation: Ten Centavos) from Mexico, can be used as quarters in ALL pay phones in the U. S. A Ten Centavo piece can be purchased at any bank in Mexico for 3/4 of a cent, or can be purchased in the U. S. at most coin exchanges for about 5¢. (Many banks are coin exchanges-Ed.)

-B. B. CAL. -

HOLY SHIT

BY AL BELL, JK



For credit calls back to the U. S. -Say to the International operator-This is an international credit card call. My credit card number is: 1-F (then repeat your number as usual). From Canada, Bermuda and the Caribbean, 1-F is not required.

This month we salute the Bureau of Indian Affairs, who confines the original inhabitants of this country to rotten holes called reservations, not allowing the people the right to determine their own futures, while their lands being raped by corporations. The BIA, whose phone number in Washington, D. C. is 343 1100 032 N. (area code 202), and in Los Angeles (area code 213) is 688 2860 154N is partly to blame for the deaths at Wounded Knee, and a continuing policy of Indian genocide.



This is your credit card for 1973.



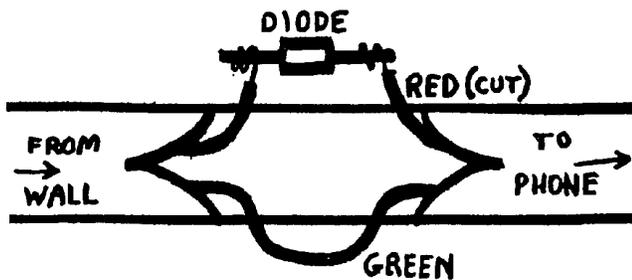
SUGGESTION:

There is one F. F. who has modified a card dialer to send out mf and it sounds fantastic. Can you find out the plans for this modification? I would like to see a circuit for an automatic sending blue box that can be programmed and then at the press of a button will send mf at exactly the correct speed and for the proper duration with a programmed wait for overseas sender.

-ANYWHERE USA-

As we said in the February issue, Pa Bell is making the operators question credit-carders to make the phreaks hang up. So it's good to know the area code and company name, and of course the telephone number which is most always the first 7 digits of the credit card. And don't be surprised to learn that they ask for your name, which can of course be faked. They have the facility for checking out-of-town credit cards only as far as the area code is for the proper RAO code (the last 3 digits), and possibly the company name or number. The only purpose of the interrogation is to discourage, and knowing that the whole thing is easier than ever.

NO MORE LONG DISTANCE CALLS!



This device will prevent outgoing long-distance calls on your telephone or phone line. It was devised by a reader who discovered that the local phone office in his area reverses the polarity of the low-voltage for one second after a long-distance, or operator, or 211 call is dialed. Installing a diode, which does not permit current to flow through it in one direction, prevents this one-second reverse current from flowing and thus the phone acts as if it was hung up for that second. Thus you get a new dial tone. To see if it will work on your line, try it. The diode, which should be at least 100 volts and 1 amp, will give you a dial tone if installed correctly, and will allow no sound at all if you put in backwards. In that case you should reverse the two wires.

If you wire a switch across the diode, you can bypass it for special use. A magnetic reed switch in the phone can be used by placing a magnet near the switch for that critical one-second period after dialing the long-distance call. Then the magnet can be removed.

Thin touch-tone keyboards with 12 buttons are made by Raytheon 12EF-20457 for \$8.25. They can be obtained from Connector Concepts, Box 511, Port Washington, N. Y. 11050. Miniature capacitors, smaller than the Sprague 192P, are made by U.S. Capacitor. Most are available with NPO (zero capacitance change from -55 to +140°C.) Address: 2151 N. Lincoln St., Burbank, Ca. 91504.

Many phreaks have expressed the interest in contacting other YIPL readers in their area. However, we won't just give out names to anyone who asks. There may be a way, however, and that is for anyone who wants to meet other phreaks to write us, and we'll pair you up with another phreak who has written us, then we'll write the two of you and let you both know the other persons name and number or address. If anyone has a better idea, let us know, and we'll announce next month how we're doing it.

YIPL IS

**FIRST
CLASS**

YIPL is anti-corporate technology
 YIPL is how to do it
 YIPL is for you
 YIPL is you
 YIPL is you sending in articles
 YIPL is you teaching others
 YIPL is you yelling at us when we say dumb things
 YIPL is us yelling at you when you don't say things
 YIPL is in need of your support, and your friends
 AT&T and FIT want to crush YIPL but they know that
 YIPL is growing into the whole lot of together people that
 YIPL is.

WE TRY HARDER

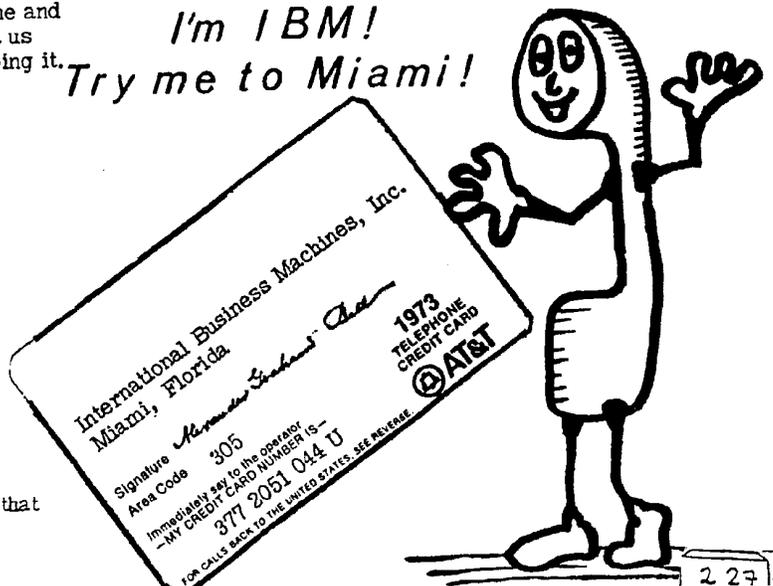
By Abbie Hoffman

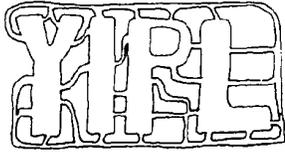
Obviously one reason for publishing YIPL has to do with free speech. Free speech like in "why should anyone pay for talking" and Free speech like in "Why shouldn't anyone be allowed to print any kind of information they want including how to rip off the phone company. As revealed in issue no. 14, the phone company is trying to build a case against YIPL. It is also moving on other grounds, namely to convince legislators to pass laws prohibiting the publishing of this info. Many states, notably California have already moved in this area. However, none of these laws has yet to be tested constitutionally. Neither YIPL nor Steal This Book nor any underground publication here has been prevented from publishing any info, namely because there are no New York laws making it illegal. Last year through the determined efforts of Gerald Schutzer ((212)394-4141) extension 3924) Legislative Representative for NYT&T, Assemblyman Robert F. Kelly (D) Brooklyn tried to railroad just such a bill into law. It passed the State Assembly and the Senate with little debate by overwhelming votes, however, Gov. Rockefeller (who uses a blue box) vetoed the bill. His reasons were basically First Amendment. "It does not appear desirable that conversation which might be directed at theft of services be raised to the level of a criminal act *per se*". Persons in other states fighting similar statutes are advised to get the full text of the ruling. Write to: Executive Chamber, Albany, N. Y. Ask for Memorandum #170 filed with Assembly Bill #10564(6-4-72).

Recently my closest friend had an unusual experience on the phone. He was talking to the receptionist at a major insurance company when a freak connection occurred. As clear as day they both found themselves listening to a conversation between two big narcotics dealers arranging for an exchange of a brown package containing raw heroin for \$300,000 in cash. The person with the heroin was to pull up to a midtown Manhattan newstand in a heavily populated area at 10 minutes before 8:00 P. M. He was to leave the package on the newstand. Simultaneously the other party was to leave the cash in a folded up newspaper on the same newstand. The car was clearly identified as was the place. To make it even heavier, one of the dudes discussed having to bump off two people the night before. It was 4:30 P. M. My friend had 3 hours to come up with a plan. What would you have done? The next 3 hours were jam-packed with excitement and he's currently working on a screenplay about the whole not-to-be-believed event.

What happened will be in the next issue. Maybe.

I'm IBM!
 Try me to Miami!





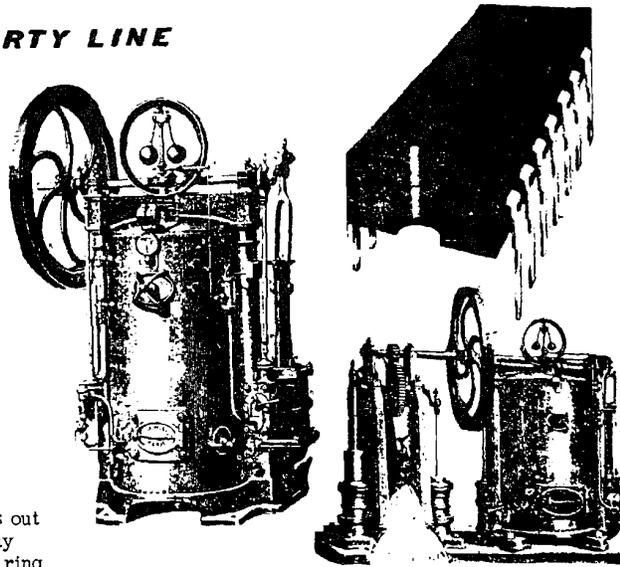
JUNE 1973 no.19

AMMO

Northwestern Bell Telephone is starting to take the bells out of pay phones to prevent, they claim, collect calls to pay phones and "signal calls" where people hear their phone ring once and call back to a pay phone. Thus, if you have a life-or-death situation where you must be called back, you're out of luck. So much for the argument that "pay phones are a public service"... Robert McCrie, editor of Security Letter, a anti-ripoff newsletter showing companies security methods, is plugging YIPL for business execs. He calls us "a bunch of nuts" and puts in our address with the warning "don't use the office address" (of their company). Security Letter, 475 Fifth Avenue, N. Y., N. Y. 10017. Use an office address-you're writing for a company, remember. Say you want to subscribe to Security Letter... John D. deButts, chairman of AT&T, in U. S. News and World Report, (Tomorrow's phone service- Why it Will Cost More) comes up with some outrageous statements like "a public telephone is a public service", "Service in New York City today is good" and "we had always felt the Bell System companies were well out ahead in the fairness of our employment practices". Also "People don't visualize the uses for Picturephones". George Orwell did in 1984, but deButts doesn't mention bugging or privacy at all. Another item of interest: "Do you have a telephone listed for John D. deButts at 200 E. 66 St?... Yes, that is 421-2277"... "In Kansas City, the existence of just such an arrangement between the telephone company and the chief of police was revealed". That's a quote from Monopoly that YIPL printed in issue #1. Well friends, we all know how big corporations often exert political pressure to help their friends into office, don't we? Nixon just named Clarence M. Kelley, the police chief of Kansas City to be Director of the Federal Bureau of Investigation. Maybe all those wires will go to a little box on Clarence's desk...

MEAT!

Several of you have written about meeting other phreaks in your area. Some feel that this would invite infiltration, and that meeting at electrical supply stores is probably a lot safer. This way you could see who you meet before you meet them. Then again, you don't know if they're in the "field" unless you ask. Others have said that if another phone phreak convention is held, that would be the ideal place. Or, again, YIPL could receive requests to meet other phreaks in your area, and send pairs of people the name and number of each other simultaneously, from readers whom we feel are cool. If you send in, be patient. We'll try to match another reader, only one, for each request.



HOT FLASHES-

A friendly Pa Bell worker says that though most telephone companies use the amount of resistance in ringing the bells on a line to determine the number of phones connected, in some (college) towns they run spot checks of total line resistances that detect phones even with the bell disconnected. So a good policy is to make up a one-line "conference" call maker (YIPL #1) and to leave the switch in the center-off position when not in use.

MONKEY WARFARE-

The underground warfare against mindless mechanical bandits goes on. After the phone, but high up on the list lies the coin-sucking parking meter. After stalking the little beasties you find they fall into two major types; the egg-headed cranker and the flat-faced change sorter. The flat-faced change sorter was the pioneer of the modern generation of coin suckers. You stuff coins in the side through a single slot; it gages the coin's size and gives you credit for it. The last two coins inserted are visible through two rounded windows (spray paint) and is very gullible. It sucks nickels, dimes, round pop tops, #14 brass washers. Also the larger pop tops with the tails attached and many other bulky items plug it and render it useless till serviced. The egg-headed crander is more sophisticated. It comes with different slots on the side for different coins, and has a thumb and index crank like a nose on the middle of its face. It is much more selective in what it gives credit for. But #14 washers and, if you use great care, round pop tops if they are both scotch taped can achieve the desired effect. (Be sure to carry something to push them in with like the pop top tab as the tape sometimes stops the "coins" from rolling in far enough.) **WARNING:** if you use funny money be generous, you don't want a ticket from a meter that is filled with washers. It might lead to embarrassing questions).

After tiring of the above methods and wishing to become a mass destroyer of meters, send to Edmund Scientific Co. (300 Edscorp Bldg., Barrington, N. J. 08007) for their mass meter disabler (they call them giant surplus horseshoe magnets). A meter is after all a one-handed clock, and clocks and magnets don't mix. Their monster 5 lb. job concealed in a pack or purse can stop a meter with a couple of rubs. After it is stopped any money deposited will give credit till city demagnetizes it. **OFF A METER TODAY, IT'S GOOD FOR YOUR SOUL! AND IT FEELS GOOD TOO.**

TACK FLASH. IOWA-

IF VOTING COULD CHANGE THE SYSTEM, IT WOULDN'T BE LEGAL.

Allende Accuses ITT in UN

By JERRY CLAPSO
Of The News UN Bureau

Chile's Marxist President Salvador Allende, addressing a packed United Nations General Assembly, accused the International Telephone & Telegraph Co. yesterday of "attempting to bring about a civil war" in his country to retaliate against his nationalization policies.

"We are not only enduring a financial blockade, but are also victims of downright aggression," Allende said.

He said United States companies began acting against his government after it nationalized several industries, including copper and telephone communications.

Although he did not attack the U.S. directly, he charged that "capitalistic imperialism" was responsible for his country's ailing and backward economy.

He charged that ITT tried to prevent him from taking office after his 1970 election through a "sinister plan" that included "terrorist attacks planned outside Chile" and which culminated in the assassination of the army commander in chief, Gen. Rene Schneider.

"It was clear that the purpose was to drag us into civil war, the utmost degree of disintegration for our country," Allende said.

1970-71 Documents

Last March, he said, documents had been unearthed in which ITT suggested in 1970 that the U.S. intervene in Chilean affairs. He said another document, dated October 1971, showed that ITT proposed a "new plan of action" aimed at the overthrow of his Socialist government in six months. Allende said his country was also involved in a struggle against "aggression" by Kennecott Copper Corp.

Kennecott has brought court suits in several Western nations to prevent delivery of Chilean copper. Allende said this caused his country's copper industry grave harm, and its credit rating and drawing power with international, European and U.S. banks have been seriously impaired.

U.S. Ambassador George Bu denied any U.S. involvement in the hassle between Chile, ITT and Kennecott, and told reporters he took exception to Allende's insinuation of indirect U.S. responsibility for alleged economic strangulation of Chile.



NEWS photo by Jim Garrett
Chile's President Allende addresses UN General Assembly.

A RED BOX IN EVERY POT

If you are one of those readers who would love to build a red box but don't have electronic experience, the tape method is for you. With only a small cassette recorder (price-\$25) and a telephone pickup coil (about \$2) you can easily and quickly record the sound of pay phone money. The pay phones are now single-slot types which make a tone when you deposit coins, but the earpiece is disconnected momentarily so that you hear nothing. But if you call up a friend and deposit money, he will hear it. He can then record the tones off of his phone, and use them whenever he goes to a pay phone to make long-distance calls.

The usual method is to have your friend call you at the pay phone (one that rings; some don't) and this way you can deposit money and get it back when you hang up, pickup & hang up again. You deposit 6 quarters, 2 dimes, and 2 nickels. The tape can be played to the operator for a sum of \$1.80, or rewound quickly for more quarters or dimes or whatever.

Volume is important if the operator is to be fooled. The beeps should be loud and clear, with little background noise. A recorder with Automatic Level (AGC) is good to use for recording. For playback to the operator, a small 2 1/2" external speaker is useful, because you can easily take it away from the mouthpiece of the phone when you want to skip a particular coin sound. The correct volume is set as follows: At the pay phone, alternately play the tape and deposit money, holding the speaker about 1" from the phone mouthpiece. When your friend hears the two at the same level, mark the volume control on the cassette for future use. It's that easy! Use phone booths where people won't see you playing the recorder and become suspicious. And in case your suspicions are aroused, simply erase the tape.

**NO MORE SECRETS
NO MORE EXCUSES
NO MORE LIMITS**

DEAR YIPL

I have some black-box info you might be interested in. This info came from a Bell V. P. talking to his nephew. He says some central Offices have a computer tied in to all its tandems which randomly checks the resistance of the calls going on. When it detects a low-resistance call it prints out all available info, your number, his number, time. Supposedly the second time the same conditions are detected between the same two numbers someone gets screwed, usually he who has the box. I can't say how true all this is, but its plausible, they do have diagnostics equipment. In R. L., (A. C. 401) 959-XXXX (any numbers) gives a high pitch that makes the tandem cheep. 958-XXXX gets some lineman's office. 955-XXXX gives employee new and Bell vropoganda. 238-0000 gives you a line that doesn't ring or answer. All should be free. It would be a great user service if you could compile and publish a list of what over-seas senders go where.

P. S. - I would appreciate it if you could clarify your mail status and how the F. B. I. gets your subscriber's names.

-SAVROK, R. L. -

We bulk mail at the post office where they are broken up into different mail bags. From that point the issues are scattered around the country, and our mail gets probably more mishandling than outright censoring, due to sloppily managed postal service. It is also possible that certain individual postmen throw out YIPLs, but if a manager did it as policy it would leak out too fast. Cooperation between the post office and FBI in revealing subscriber names is totally illegal and would be very embarrassing if leaked. Not to mention that we will sue all parties involved if it occurs. All you postal workers let us know what treatment YIPL mail gets in your area. We might mention that we do not trade, sell, or otherwise expose our mailing list.

DEAR YIPL

Those individuals who are in the habit of squirting epoxy into pay phone coin slots would be better advised to squirt it into the locks instead. That way the machines will function in case someone needs it. Of course, upright, moral YIPL readers love Pa Bell too much to do such a thing.

-R. F., LA, CAL. -

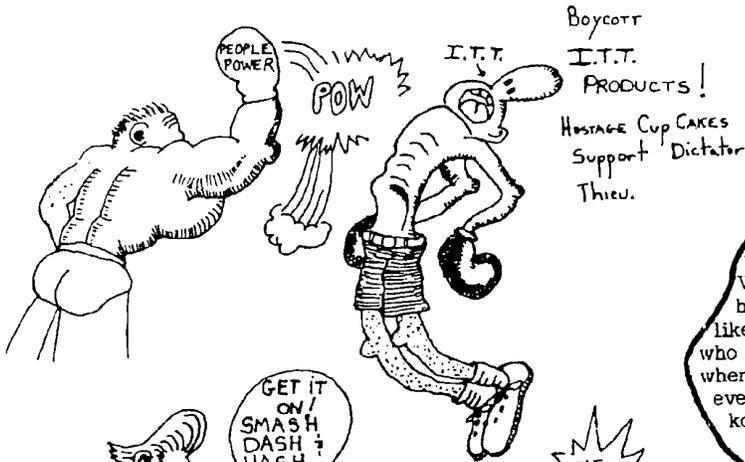
DEAR YIPL

Only problem with red box #16: faint tone (constant) in background with periodic soft beeps even when no button is depressed. Can anything be done?

I bought what I thought were good quality (\$1.20) International rectifier switches (coin silver contacts, etc.) and they're hogwash. Will look for better constructed versions. Thanks for all-you folks are beautiful.

-MM, NY-

You've got a leakage problem. Some possibilities are to decrease the 47K resistor on the base of the shorting transistor, decrease the 22K resistor of the same transistor, or increase the 5 mfd. capacitor in the emitter circuit. Or try this: Move the collector of the shorting transistor to the other side of the .01 mfd. capacitor. This will almost surely load the oscillator beyond hope when the shorting transistor is turned on, but may affect the character of the beeps. It shouldn't be too serious, however.



THE HOLY SHIT says...

EASY TO FOLLOW INSTRUCTIONS for your ENCLOSED bill.

1. Hold bill at EACH END
2. Move LEFT hand until it touches right. (bill now has fold up middle)
3. Move hands APART AND BEGIN TWISTING WRISTS in opposite directions.
4. Lay bill BETWEEN palms AND CLAP.
5. SPINDLE AND MUTILATE bill at your own RATE.
6. Don't forget stamp!

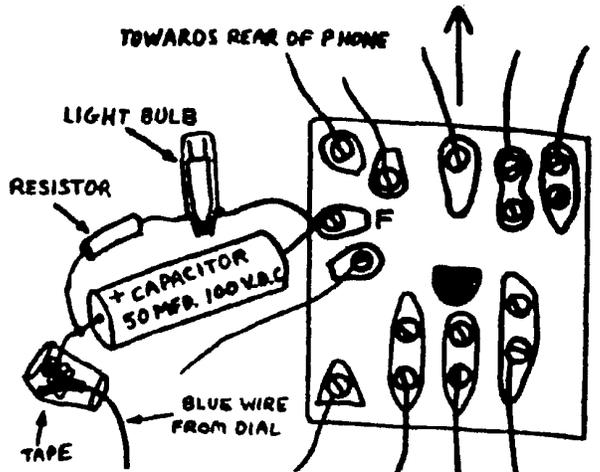
BUILD A SNOOP LIGHT

CAUTION: THIS IS NOT A FOOLPROOF FONE TAP DETECTOR, but it's great for finding out if all the extensions in your home are hung-up. So if you're going to talk about "Konfidential Matters" or other "Dopee Subjects" you're sure that when you say "I've got it maw" no one else has it too.

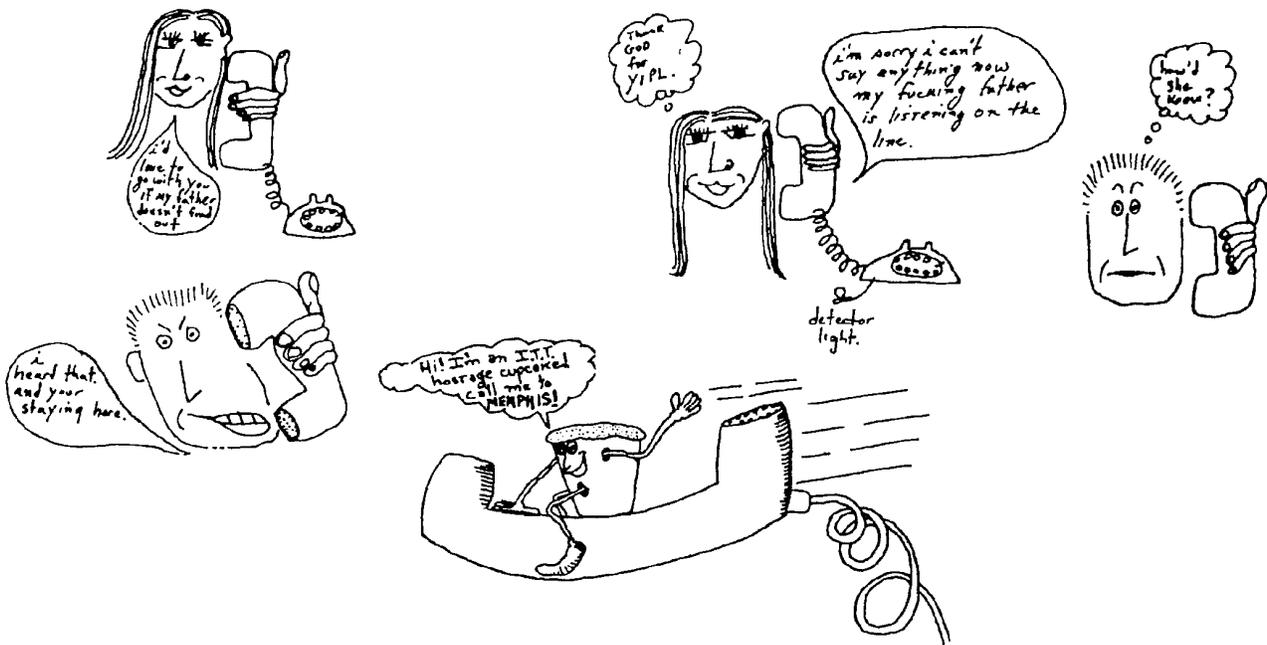
To insure that all phones on your end of a conversation are hung-up, construct the very simple line voltage detector shown here. The light bulb is a 5 volt miniature type, such as a 1490 or a no. 27. Ideal is the phone company's own tiny slide-base lamps found in multi-button (hold-button) phones. For these, use a 470 ohm, 1/2 watt resistor to lengthen the life. The capacitor is a 50 mfi., 100 volts or greater electrolytic type. Get the parts out of any radio or electrical store for about \$2. Then connect each of the two contacts from the light to the two contact wires of the capacitor, and install both between the blue wire (inside the phone) and the "F" screw, where the blue wire normally connects to. Be careful not to touch other screws or wires with the new parts you install. Carefully wrap up the connections with tape and close up the phone. Test the light by picking up the phone. The light will light, and if someone picks up an extension, it will go very dim or completely out.

HOW IT WORKS: When a fone is in use (without a black box) the voltage on your phone line drops to about 4 volts. If the lamp is wired as shown, the 4 volts will flow through it when the phone is picked up. If another phone is used, the line drops to only 2 volts, and the light gets weaker. This other phone, however, must be on your phone line, and not, for example, on the line of a friend you're talking to. The capacitor allows the high ringing voltage to pass around the lamp, so that the bulb is not accidentally fizzed if the phone is picked up during a ring. You can install this in any normal dial phone, even if already equipped with a black box (Issue 11). The light will not light during free long-distance calls, however since we don't make free long-distance calls that's a minor problem, no?

Well, here we are in the midst of the Watergate, with all kinds of hearings and charges and the like, and everybody trying to see who at the White House is involved, when in fact the real criminals are not even being mentioned! Impossible? Not in corporate Amerika! The AT&T-owned Chesapeake and Potomac Telephone Kompany was in every way part of the Watergate bugging operation. And don't believe for a minute that The Phone Kompany helps police as a rule. AT&T is Nixon's friend, not McGovern's. AT&T makes profits off the war, inflation, and wage controls, just as I.T.T., related to AT&T only by being a huge ripoff Korporation, and by the fact that I.T.T.'s anti-trust bribe makes it the other hidden 'criminal in Watergate. Nixon and politicians go on trial, but the real criminals go on Welfare-with you footing the bill. I.T.T.'s other relationship to AT&T is that they buy used, beat-up phone booths from Bell for South Americans! I.T.T.'s Memphis credit card is 525 8406 187 K (Area Code 901) Don't buy Morton frozen shit, Avis, Wonder, Hostess, or stay at a Sheraton Inn. Tell all the people you meet to do the same!



If resistor is not needed, simply replace it with a piece of wire.



It's not just the rate increases that burn me up about Bell. It's those local calls that sound like there's an atomic war on, after you've dialed a wrong number three times in a row. It's that lousy Bell service.

Lousy service comes from rotten equipment and asinine employees. The equipment is rotten because Bell doesn't feel like buying new equipment. It costs money and doesn't make money for them. Thus, there is no reason. People don't enjoy peircing tones that blow their ears out, or taps and clicks constantly on their private conversations. But people don't count, unless they're the few who own stock, lots of stock. It's a fact that in New York City the phone company puts the new equipment in the richer areas and badly neglect service in predominantly non-white areas. Recently they sent out printed leaflets in the bills saying that they were changing to a new dial tone to improve service. Result-a new dial tone with no improvement in service.

The employees are another problem. Though there are many polite employees, the bad ones do their best to make up for their numbers. They listen to your conversations, act like they do you a favor, and cut you off if you start to get apoplectic from not being able to strangle them. It has often happened that an operator will accuse you of being a bother or of lying to them, and they then pronounce your sentence- your phone will be disconnected for the night. Too bad you only get credit if service is cut for 24 straight hours. And if you call the business office you get to talk to the latest invention of Bell Laboratories-computer people. They recite certain phrases and no others. Sometimes they blow a fuse and keep repeating phrases in random incoherent tones.

You don't have to be sick to work for Bell; as their ads say, "We'll train you". Why do some operators monitor your calls? Because operators themselves are harassed and monitored by their supervisors, and the supervisors don't make clicks when they listen to you and the operator. Employees are treated like children, like boy scouts, or as if they're in the army (as many employees are hired because they're "pre-disciplined"). Employees are urged to act like they have some personal stake in AT&T and to protect its equipment with their life. Little insects that eat cloth wire remain a pain in the ass to operators bodies because Pa Bell won't spray their fossilized equipment or (God forbid!) replace it with plastic wires. Profits before People-AT&T's Success Story!

But cheer up folks! Soon AT&T will eliminate thousands of jobs by charging for information calls, brainwashing us into dialing our own calls, and soon there will just be one big daddy computer-AND THAT'S ALL! Who needs people anyway?

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.



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:

FORIEGN 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 A&P 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 ringback, 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,

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.

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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 2600, 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 2600 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 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.

YOU ARE WHAT YOU KNOW
YOU ARE WHAT YOU DO
HELP YOURSELF



Dear YIPL:

Here's a way to beat the high cost of living.

1. Steal an adjustable price marker from a supermarket. It has about 5 wheels that turn to whatever price you want.

2. Go to your local hobby shop and buy a small tube of Methyl Ethyl Ketone, "MEK", a resin catalyst. You are now ready to fight dat ole debbil inflation. You've got your pricer, your MEK, and some paper tissue. Now go to the store. Stick to canned foods at first. Find what you want. Put a drop of MEK on the price. Wait a sec then wipe it off with your paper tissue. Select the price you want (between 10 and 25 cents less than the store price) on your pricer, and stamp away. If they question the price at the checkout, get abusive. Call them money grubbing bloodsuckers and threaten to call the price commission. They will not bother you again. Bon appetite and good luck.

-Stainless, R. I. -

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.

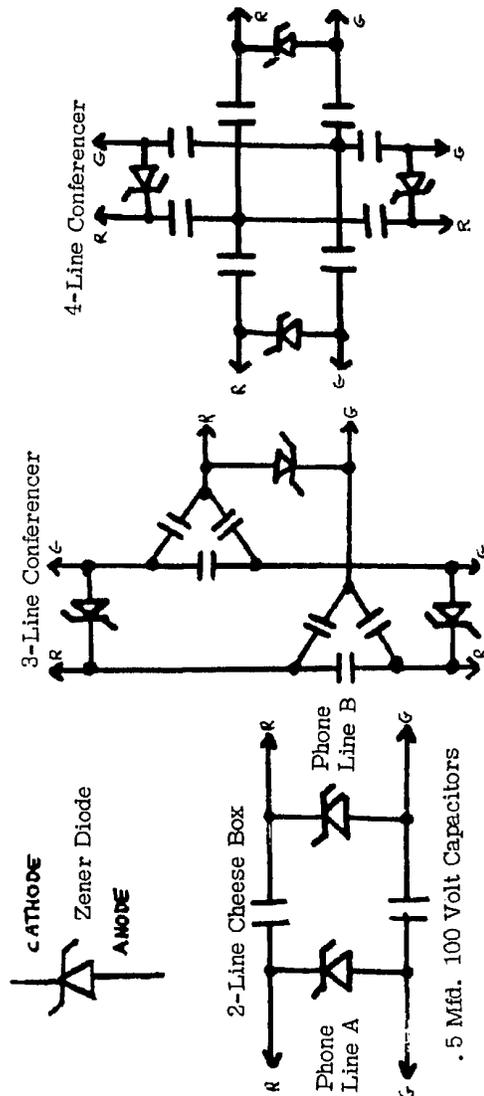
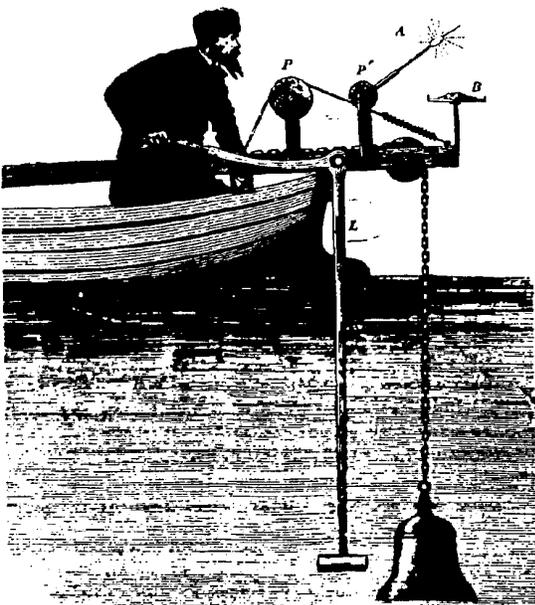
Bell's loops are limited because they often disconnect after a certain time, one of the two numbers must be called first, and they are often monitored and sometimes even charged. The Cheese Box can be extended to many lines, thereby creating conferences, and will let either line be called first and hang 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.

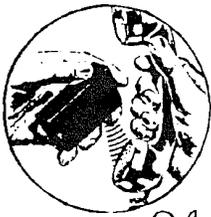
A zener diode will conduct electricity when the anode is more positive than the cathode, or when the cathode is more than a certain number of volts more positive than the anode, in this case 56 volts.

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.

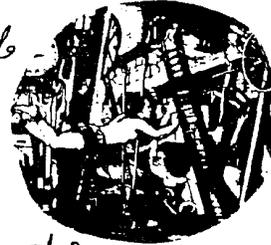


Hi,
 Here are some good references on switching systems:
 Bell laboratories record Jan. 70 page 13
 Bell System Technical Journal Nov. 60 page 1381
 This one is the best paper on the Bell switching system and pages 1398, 1400, and 1422 will give you a good understanding of how the toll system works. 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 used 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

Hotel Diplomat
108 W 43 St.
N.Y.C.
Grand Ballroom

Sept. 8, 1973

10 a.m. - 5 p.m.

\$1.00 contribution, YIPL subscribers free



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

Northeast Electronics Teltronics
Concord, N. H. Lakeland, Fla.
224-6511-004U (603 Area) 683-7409-531Z (813 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. -

YIPL-

To get the phone to ring in Denver, dial 6191, then hang up. It will ring one long continuous ring until you pick it up. The 660 thing suggested in #18 doesn't work.

Question- what is the point of driving the Nashville info. ops crazy, as suggested by one of the letters in #18? They are just as oppressed by Pa Bell as the rest of us, and certainly not responsible for the way we are ripped-off. I think its important to remember that the phone co's lackeys are poor and starving like us, probably hate the phone co. as much as we do, and also are being exploited by it. They aren't the enemy, and I'm sure they have enough problems (like maintaining their sanity in a job like that) without being unnecessarily hassled. end of diatribe

-Nancy, Denver-

Phone operator tells of Ma Bell's "Watergate"

To the Editor:

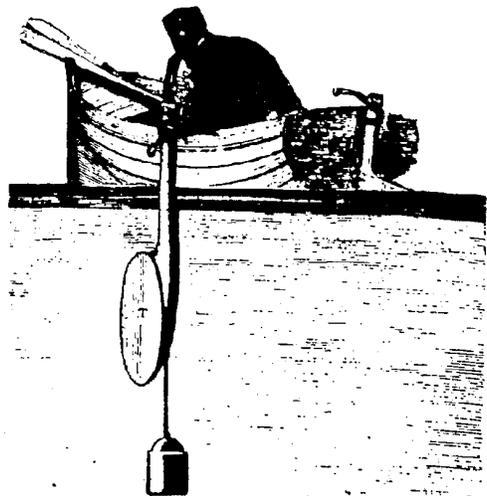
I work as a telephone operator in New York City, handling "Directory Assistance" (411) calls. Last year, during the election campaign, we saw our boss, N.Y. Telephone (AT&T) pull off its own Watergate-type undercover action against the Democratic Party.

The Democrats had set up a fund-raising "teletthon" during the campaign, with the idea that people would call up and pledge donations. We were not allowed to give out this number! Our supervisors received a written memo from higher management, which laid down this procedure: "...if a customer calls asking for the

Democratic Party teletthon 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 an 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 that we don't even know about. One thing we know that Nixon did though, he slapped us with the wage-freeze one day before our last contract ran out

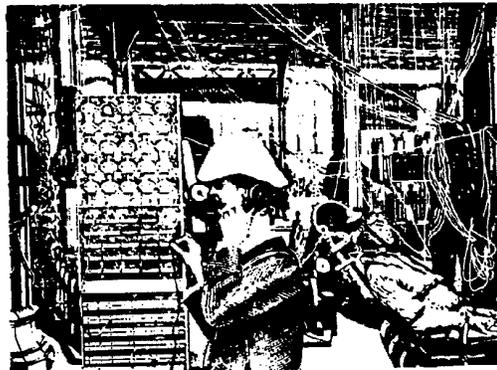
(name withheld)
Brooklyn, N.Y.





TECHNOLOGICAL AMERICAN PARTY

no. 21



august-september 1973

No fancy excuses: We changed our name because we want people to know where we really are and what we hope to become. Technological American Party is rapidly becoming a people's warehouse of technological information, and a name like Youth International Party Line simply didn't ring a bell, even if you were trying to find out how to contact the phone phreaks, except of course for the Party Line. We've been receiving so much information lately about gas and electric meters, locks, even chemistry, that a name change is definitely in order. We seriously doubt that phones will cease to be our main interest, but it really isn't fair to ignore the rest of what science has to offer us.

Because so much varied information will begin to be covered and researched, the newsletter will try to mainly cover items of the most general interest, as it always has. In addition, we will start preparing more reprints of the "fact sheet" type, so that those of you who desire certain areas of info can get it.

What we need is for YOU to contribute ideas. We want to know what you know, and what you want to know. Any field, and we mean anything, that would be difficult or impossible to learn about is a likely candidate. This means that, as usual, we will be covering information about subjects that happen to be illegal as well as legal activities. Naturally, we don't advocate performing illegal activities, though our readers sometimes do. There is a question as to whether a free society can even ban advocacy of illegal activities, but our policy of disclaiming the stuff comes from a belief that telling people what to do is like telling them what they can't do.

All of our information comes from readers. If you don't help your fellow readers, we'll have to put out blank issues. So start opening up other fields, such as the ones mentioned above and anything else that you think needs researching and distributing. Remember- TAP is an equal opportunity destroyer.

Jury indicts president of phone firm

SEATTLE (AP) — David D. Henry, president of the Whidbey Telephone Co., has been indicted by the federal grand jury on charges of fraud.

The panel returned an indictment Tuesday charging Henry, 43, with eight counts of wire fraud and two counts of intercepting phone calls from customers.

It accuses Henry of devising schemes to defraud General Telephone Co., Pacific Northwest Bell and the parent firm, American Telephone and Telegraph Co., of more than \$100,000.

Conviction on all charges could result in a maximum sentence of 30 years in prison and \$28,000 in fines.

A report on the case was carried in a copyrighted article Wednesday by the Seattle Post-Intelligencer.

The charges concern the

billing system used by independent telephone companies for calls placed through the lines of larger firms. Under the arrangement, the independent firm pays the large company the revenue for each call of less than three minutes but gets a larger amount back from the larger company.

The indictment claims that Henry inflated the number of calls "in order to obtain by fraud" a higher share of

the revenue than was owed to his firm.

The government also contends that Henry set up an arrangement through the Whidbey telephone exchange which permitted his employees to make toll-free long distance calls.

Dear YIPL;

You may be interested to know that, according to the little booklets 'Pa Bell' sends out to its stockholders, a phone call from a pay-phone costs them 7 1/2¢. This includes buying their equipment from Western Electric (whom they own switch, hook and dial). That means they get 2 1/2¢ as free money. Also, at the end of '72, Bell owned over 105 million of the world's 300 million and the U.S.'s 128 million. There are also 1800 independent Telcos to divide what's left.

-P. A. , Tucson-

DEFENSE FUND

As you probably have heard, Abbie's been hustled for allegedly selling cocaine to some agents, and the D. A. has made it pretty clear that this isn't just another bust. It's to put Abbie away for life and make a spectacle of him. He and the other defendants intend to challenge the laws classifying cocaine with heroin and they're going to need money to do it. We know most people think Abbie has a lot of money, but he's almost broke. It took 4 weeks to raise bail.

TAP readers have a lot to be grateful to Abbie for. Without him this newsletter wouldn't exist. Aside from giving away over \$100,000 from book sales to political groups, Abbie has donated time and money to this newsletter, with no intention of it being an ego booster or the source of a future defense fund. We should return the favor and help him out. Let's let him know that TAP readers support him. Send whatever you and your friends can afford to Abbie Hoffman & Friends Legal Defense, c/o Gerald Lefcourt (Abbie's lawyer), 640 Broadway, N. Y., N. Y. 10012. If you can, try to let others know about the legal fund so they can help, too. Thanks. If all you can afford to send is a buck, please do it.

BEGINNERS ONLY!

You can now learn about Electronics easily and quickly with our new Correspondence Course. The first one is on Basic Electrical Concepts and includes a few TAP-type projects and easy-to-read explanations of electricity. By reading this and others coming out each month you'll learn how to build any of the projects that have been printed by us in the past. You'll learn how to read schematics, buy parts and materials cheap, safety, etc. You can no longer say that what we publish is above your head because any beginner can learn from these courses. Women are especially urged to take the course as they usually have a fear of electronic concepts and this course will be understood by all. Let's hear from you! It's like a back issue and is 50¢, and free if you can't afford it (let us know).

CONVENTION

We had a lot of fun at this year's convention. There was significantly less paranoia than at last year's Convention. At that time, two men from the District Attorney's office, two men from the telephone company, and some dude who looked like an FBI agent posing as a reporter were really giving the people in the Blue Box workshop the creeps. Everybody was afraid to give out information with these guys taking pictures and making recordings at the workshop. A hastily organized legal workshop with Abbie helped to put things in perspective, and we announced the presence of the phone company agents, who promptly got uptight and left. This year there were quite a few more people attending (several hundred) and it appears even less agents. Black masks were handed out at the door for those who felt they didn't want to have pictures taken. Some people came already equipped with masks, sunglasses, and brain wigs. A pair of security men from a Rochester Independent company admitted that they were only there on their own, but to learn what we were up to lately. The people who attended felt little animosity toward the few agent-types; in fact, a petition was circulating urging that all agents be paid double overtime for attending the convention.

Eight half-hour videotapes on many phases of phone phreaking, power heisting, and using slugs were shown on video monitors around the room. These were alternated with workshops in four areas around the ballroom. One workshop (pictured) dealt with installing extra devices on your phone line, such as extensions, automatic answering equipment, hold buttons and the like. Other workshops dealt with Con Ed, Boxes of all colors, Credit Card Calls, and "reforming" the phone company.

A number of display boxes were scattered over the area. One demonstrated the busy tones and dial tones and how they are generated and timed to 60 and 120 interruptions per minute. Another played interesting things you might hear should you be so fortunate to call around the world to different phone numbers, like Dial-a-Disc in France, weather in Tokyo, or Sex on Sunset Strip. There was a display that demonstrated the 2600 cycle whistle and allowed you to practice it into a telephone handset, and probably the most popular was a Red Box, in which you could hear what each of the main circuits did and how the actual Coin Denomination Tones are produced. Some people were even making cassette recordings from the Red Box display unit!

The press was there in force, filming and interviewing anyone they could get to talk. The atmosphere seemed very light and people did seem to be enjoying the afternoon. Back issues were being sold rapidly, and most people passed up the organic carob cake and brownies in order to watch the videotapes or attend the workshops.

Al Bell gave a short speech on how the phone company plans to raise the public phone rate to 20¢ and blame the increased cost on phone phreaks. A walking pay phone was making the rounds, soliciting 20¢ contributions here and there. Some attendees were circulating credit card lists and back issues of Telephony.

The display boxes were built especially for the convention and we knew that people would want to know how they were constructed. The 2600 cycle whistle detector is actually a toll-fraud detector since it activates upon hearing 2600. We had some schematics at the convention but seeing as they were free, they were all gone by noon. If you would like schematics for the 2600 cycle detector, the displayed red box, and the dual-tone oscillator (which is not, by the way, a blue box), we have more of them in and we're asking 15¢ each (free if you can't afford it). They use transistors and IC's in each of them and each circuit can be built for about \$15. If you received a circuit, be sure and note the correction on the Red Box sheet. For the price of a SEI F-ADDRESSED STAMPED ENVELOPE you can also get a copy of the Convention Schedule which includes Joe Engressia's and Captain Crunch's telephone numbers in case you want to rap with them. We have also compiled a list of typical Destructory Assistance topics which is free if you send the envelope as above.

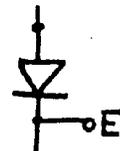
If you attended the convention, give feedback. What didn't you like? What do you wish there was but wasn't? What, if anything, did you like? Got any ideas on the next convention? Let us know!

We're working hard to get more Phone Phreak Convention T-shirts and others. We'll let you know next issue. Meanwhile, help recruit friends and Telco employees as researchers and contributors to TAP. If you want to do research, tell us!

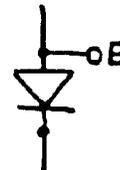


CORRECTION

CHANGE THIS:



TO THIS:



DISPLAYED RED BOX

LETTERS

Dear TAP,

Been reading Monopoly, & it's changed my whole outlook on the phone company. Before, I had phreaked 90% for kicks, and 10% for saving on long distance calls. Example of how Pa Bell screws the public: NY Tel has been running a big TV & newspaper ad campaign telling people to send for a free booklet on how to save on your phone bills. Even included a billing insert on where to send to. But you couldn't get it by calling the B. O., they had none. You had to write for it. Q. - Why couldn't NY Tel have simply sent the booklet out with the bills instead of only where to send for it? Or simply publish it in the directory, or even let you call the B. O. ? A. - Because Pa Bell wants people to think that it wants them to save on their phone bills, but it really doesn't and knows that only a small fraction of all the people will care & bother to send for it.

-The Rochester Phone Book says in the front "In the event that a break-in, burglary, theft, toll phraud, act of vandalism, or any crime involving Rochester Tel property is discovered call Security 921-2353 that's A.C. 716, so tell 'em what you think.

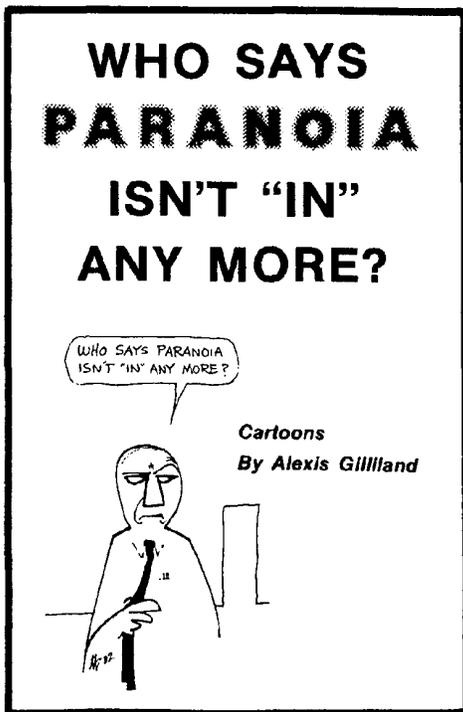
- Now for some info: the Wash. D. C. sweep tone test # mentioned previously (202 560-9944) has been restored to service, toll free of course.

- Oui Magazine has an article on phreaking (August) including Blue Box freqs, the first time ever in a non-technical straight mag. They quote a Telco security officer: "Phone freaks are a danger to National Security". - The N. Y. Tel Network Service Bureau Traffic Report is 212 394-0111. - A pay phone rang, I picked it up - & found I was the party of the third part to a call that was going through; in fact I answered before the called party did. Although they said nothing worth listening to, it shows how much privacy you have on the phone. - It would be useful if you could publish what type of equipment such as panel, crossbar, or ESS is used in the various N. Y. exchanges. In NY exch. the 569/942 #1 crossbar, here are some interesting codes: -221 is an alias of 575-that is, 221-XXXX will get you 575-XXXX. -660 is a touch-tone test. When you hear dial tone dial 1 thru 0. If correct "beep-beep" will follow. Press 6 or 7 switchhook once, & hang up, & will ring back. -840 identification has been changed to 958 and 880 which hadn't worked before. -970 gets you a silent line without paying a message unit. -890 gets you the same thing that happens when you leave the phone off the hook too long. -975-XXXX sounds like a toll call going through, including polarity reversal, but I get "unable to complete call as dialed". -As you may know, they're going to start using area codes as Los Angeles central office codes, which will mean changes in switching equipment all over the country. Happy 25th Anniversary of No. 5 Crossbar (July 11, 1948, Media, Pa.)

-H. Gordon Liddy, N. Y. -

The New York News Service-a bi-weekly packet of New York's best underground journalism and cartoons. Send for 25¢ sample. NYNS, 204 W. 10, NYC

10014



Cartoons
By Alexis Gilliland

Dear TAP,

Mail order fireworks are available from: Universal Fireworks and Novelty, Box 123, Muncy, Pa. 17756, Catalog 50¢, and from Westech, Box 583, Logan, Utah. 84321, catalog 50¢. They mail by UPS or freight collect. A friend bought a case of firecrackers from Universal and had no trouble. The shipping statement, that you sign, will say "ICC class C common fireworks, explosive" but don't worry. On the news they said "crackers and bottle rockets are soon to be illegal, so stock up."

-J. S., OREGON-

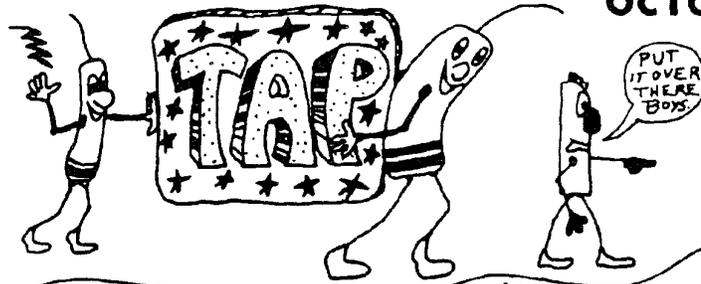
ATTENTION-If you were at the Convention and found Linda's pocketbook. please let us know!

Dear Phreaks:

Want to thank you for the greatest convention ever! Have some questions which might be of broad reader interest. a) So that an extension phone will remain undetected, it is advised that the bell be turned off. How is this done anyway? b) If my current phone is replaced with a "touch-tone", is it possible that the pig company will be able to detect the change? c) Missed the talk about Con Ed. What is the best way to fuck the fucking Electrical Co? Thanks again for the Public Service!!! Yours

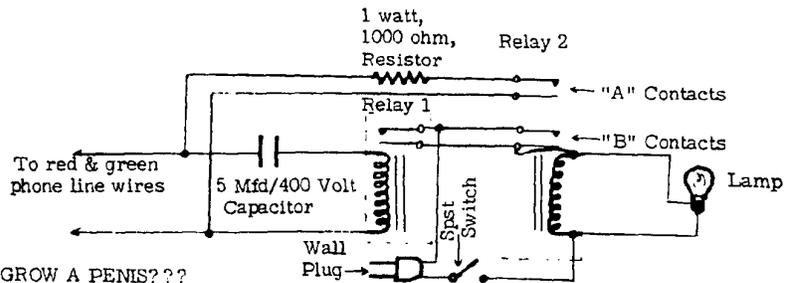
-PROFESSOR FIREFLY, NY-

- a) Turn bell off by opening phone and removing the red wire of the bell from the screw it's already on
b) Unless your line is hooked up for touch-tone (many already are), you won't be able to make calls, but you can receive them. The phone company won't be able to detect unless they hear you touch-toning.
c) We'll compile info about electrical companies in the next two months. See next page.



PP THE NEWSLETTER THAT ADVOCATES VIOLENCE

BUILD THE ANSWEROO



SPIRO AGNEW- is it really an anagram-GROW A PENIS??
-CCR-

Dear TAP,
Bell's PR dept. has free films available on various topics such as TASI, ESS, EDDD. Call up telco business office, and say you would like to find out about renting phone co. educational films. Put on your best Sunday School voice, and tell them that you're in charge of programming for your church youth group (that's how I found out). If they ask what church, have a name ready. They have a nice brochure, and some of the films are very informative.

Have you ever mentioned the fact that out-of-city phone books can be obtained free from Pa? Just call the business office and say you want to get a phone book for another city. They'll switch you to the rep. for your exchange. Give her the info, and she'll (or he'll) get your name & address. If they ask why you want it, just say that you've just moved from there and have a lot of friends there. When they ask if it's a business or residence, say residence (they charge businesses more).

Dear TAP,
Just thought you might be interested in a few pieces of information. First of all, a guy named Dial has invented a lie detector that can be used over the phone. Fun, huh? It measures the stress in a person's voice. He also said that he had sold them to P.D.'s, Gov't. agencies and Big Corporations! What corporation has more voices to deal with and is larger than our friend Pa? Don't get stressed when calling! Right!

For you bugged phreaks, Samuel Line, Jr., Vice-President of a Bell subsidiary in Penn., says, "We have been historically against wire-tapping". However, Bell provides a line to the FBI if needed directly from the tapee's home.

You can beat the simplest type of bug (A transmitter in the phone's microphone) by ripping a new mic. off from some other phone and replacing your transmitter with it. If you bang a payphone long enough, the mic. will loosen up. Keep up the good work.

The Answeroo is a handy device offered by no one (yet) that answers your phone before it rings. This is especially useful to lovers who live in their parent's homes and like to call each other late at night. Instead of the phones in the house ringing, a light or other appliance (radio, TV, etc.) comes on. You can then go to the phone, turn off the Answeroo, and talk.

Relay 1 is the Line Relay (Issue #17). When the phone rings, it sends current to Relay 2 and the light. Contacts "B" lock Relay 2 on, and Contacts "A" put the phone on hold (not free). Using a 56 volt zener diode in place of the 1000 ohm resistor would give a "free" hold until you answered the phone, unless you then answer with a Black Box (Issue #11). The single-pole, single-throw on-off switch, two 115 volt AC relays (one of them should be double-pole, the other single-pole, for relays 2 & 1 respectively), the 5 mfd. non-polar capacitor (200 volts or more), and a resistor are all you need. Cost-under \$15. Have fun!



**MAKE YOUR OWN WORLD.
MAKE THE WORLD YOU WANT
BY DOING WHAT YOU WANT.**

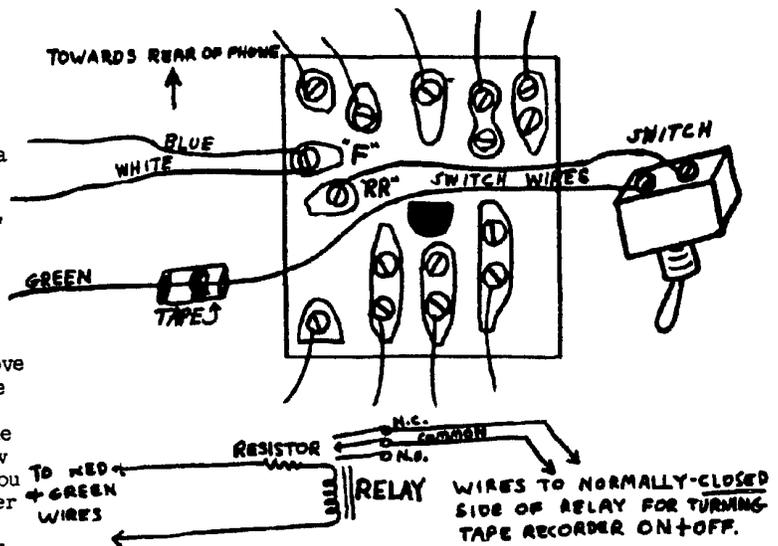
AUTOMATIC PHONE TAP

This tap is a device which records directly from a telephone line all conversations on that line. It consists of 3 parts:

1. An ordinary dial phone equipped with a "monitor" switch. (Or a mute box, black box, or issue #11)
2. A tape recorder.
3. A line relay.

A monitor switch can be installed quite easily. All you need is a screwdriver, a Single-pole, single-throw toggle switch and some electrical tape. Remove the cover from the phone, disconnect the green wire from the "RR" terminal and wrap one switch wire and the green wire together with a piece of tape. The other switch wire is wrapped around the "RR" screw and tightened. One position of the switch will give you a dial tone. This is the "Normal" position. The other position of the switch will let you hear your phone line without getting a dial tone. This is the same as

the "Free" position in Issue #11. Next you need a line relay that will be used to turn on a tape recorder when the phone is being used. Parts: A 1/2 watt, 10,000 ohm resistor (10¢) and a sensitive, low voltage relay, Lafayette Radio #99P60915 @ \$2.57 + .43 postage (Lafayette, 111 Jericho Tpke, Syosset, NY 11791.) When the relay is connected to the phone line (red and green wires) that is not in use (on hook) the relay will be activated thereby opening the circuit to the recorder, turning it off. When a phone is picked up, the voltage on the line drops, causing the relay to de-activate, thereby closing the N. C. circuit and turning on the recorder. Things to look for when choosing a recorder are: Cost, Size (small as possible for hiding the tap), Automatic Level Control, Automatic end-of-tape shutoff, and a remote on-off switch (usually in mike). The G. E. M8430 cassette recorder meets all the above for \$20.00 at most discount stores. Get a 120 minute tape, and a telephone pickup coil that goes on the handset. To Tap a Line: 1. Hook up a telephone with a monitor switch (on "Free") to the desired line. 2. Hook the line relay up to the same two wires. 3. Switch the phone to "monitor" ("Free"). 4. Remove the handset. 5. Slip the pick-up coil onto the handset (the receiver) and plug it into the mike jack on the recorder. 6. Hook the recorder's remote on-off switch to the N. C. contacts of the line relay. With the GE M8430, a convenient sub-mini jack can be used. 7. Switch Tape recorder to Record. Now when a phone is picked up, the relay will turn on the tape recorder, which will record everything to be heard on the monitor phone. Don't get caught!



SF CHRONICLE 10/2/73

Ma Bell's Ripoff Warning

Pacific Telephone Co. displeased over the growing gamemanship of its customers who deliberately won't put postage stamps on envelopes used to pay their bills, took stern steps yesterday to stop "the eight-cent rip-off."

The company started yesterday mailing warnings to all of its six million customers, telling them to stop the illegal practice — or Ma Bell won't accept their mail.

About 2.3 per cent of the customers — about 135,000 per month — have been leaving the stamps off.

In addition, a phone company spokesman said, the errant customers could face Post Office fines of up to \$500 for failing to put stamps on mail "with the intent to avoid payment of lawful postage."

The phone company estimates the practice — growing in popularity in recent months — could cost the telephone company here about \$148,000 this year to make good on "postage due" envelopes it receives.

The stiff price of the no-

stamp game, company people said, will certainly be passed on to telephone customers.

Here's what the phone company has in store for the customers it describes as "postage offenders":

- The Post Office, acting on a phone company complaint, will now intercept all mail to Pacific Telephone that does not have a postage stamp on it:

- If the envelope has a return address, carriers will take it back to the sender, collect eight cents for postage and ten cents for handling, and the sender will have to pay another eight cents to pay another eight cents to mail his bill.

- If there is no return address, the Post Office will open the envelope in an effort to locate the sender, and, if it can't, postal officials will destroy the checks or money orders or return them to issuing agencies to stop payment on them.

- If the payment is in cash and there is no return address, the Post Office will eventually turn the money over to its general fund

(used to pay claims on insured mail).

Phone company officials said yesterday that in where the Post Office intercepts mail and is unable to find the sender, the customers will be considered delinquent on their bills.

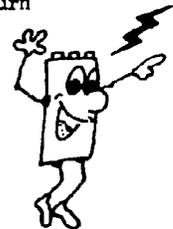
Since the average household telephone bill in the Bay Area is \$15 per month, the phone company officials admit there is some risk to the company treasury in the crackdown.

"We don't think we will lose a substantial amount in the first place," said a spokesman.

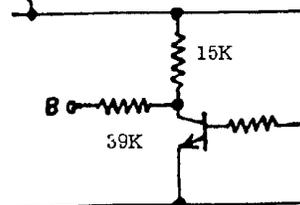
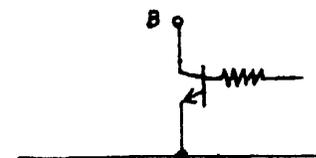
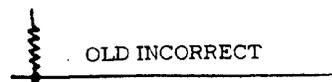
"In the second place, we believe our warning will solve the problem."

Pacific Telephone, estimating a 30 per cent increase this year in the no-stamp practice, is not alone, of course, in the field.

Other utilities — especially Pacific Gas and Electric Co. — along with banks, insurance and oil companies and big department stores all get caught with postage-due messages from their most loyal customers.



CORRECTION



Nothing mentioned about many EMPTY (or stuffed with bill envelopes folded). Ha!

-CALIFORNIA-

One more correction to the Displayed Red Box sheet.

Hi-
 This may end some of the confusion about the number to call which gives you a computer-generated voice telling you your phone number. In NYC there are 4 numbers-They are: 730, 840, 958, 880. One will always work(except in a few C. O. s) The numbers rotate each month. Other boros may lead or lag 1 month. List is for 1973 but I think it will be same next year.
 -FLH, NY-

TAP-
 You might tell Phellow Phreaks in NYC that there are three different 3-digit numbers to dial for finding out the number you're calling from, and that they are regional. What's more, Pa Bell likes to switch 'em now & then to confuse us. That's the reason(they're regional) that one might work for one area but not another. They are: 958, 311, and 221. If N. Y. C. telephone subscribers have suspected that the number of "additional message units" they're being charged for on their monthly bill is too high, it's probably true. I got it on good authority (a former operator) that NY Tel routinely overcharges customers on additional m. u. 's every month. And they get away with it since message units are not verifiable, because they are not itemized like toll calls. You have to take their word. The padding takes place not in the computers but in Accounting, where Pa Bell's hard-working CPA's are under orders to pile on a heap of extra message units because who'll be the wiser? And when one complains to the E. O. Rep. that he keeps track of his calls and couldn't possibly have made so many, we're told that they will "check our equipment"- a ruse, a diversionary tactic, because that's not where the skullduggery is being done. Get it?
 -H. R. Holdafone-

Dear TAP,
 There existed among the gang back in Vancouver some very sick minds who delighted in setting various parts of a payphone on fire. What they would do is open the phone book up around the middle, pour gasoline on same, placed a paper cup containing a particular mixture in it upon the soaked book and walk away. In about two minutes, the book would be aflame and would parboil the plastic handset into submission and if the booth itself was molded out of plastic, a cheerful blaze greeted the pigs and other such carbon compounds. The mixture in the cup was about half a heaping teaspoon of Potassium Permanganate(chemical and hobby stores) and, to be added just before an innocent departure, one drop of glycerine(drugstores for ointment use). This pile of goodies usually erupts into a white hot flare capable of igniting almost anything, including gas fumes. The reaction, by the way, takes from 30 seconds on a hot day with finely ground Pot Per to 6 minutes on a cold day with clunky Compound P. Also ideal for quiet little garbage cans at school or maybe even Telco vehicle's gas tank in a small baggie or a gas sodden piece of construction that you feel is bad for the environment or simply remote & safe ignition of fireworks. Fagen Das Telefunken Gesellschaft! Freundlichst,
 -BW, MANITOBA-

We have some inexpensive instructional plan sheets for the display models featured at the Convention. The 2600 whistle perfecter is a 2600 detector similar to existing toll-fraud detectors. The Displayed Red Box is similar to Issue #16's circuit with an improved IC timer, LED lights to demonstrate operation, and a few other improvements. The circuit can be used as a portable with a few changes we explain, and is far more reliable than the older circuit. The Dual Tone Oscillator is a circuit for demonstrating signalling tones, and can even be used as a simple blue box. The sheets are 15¢ each(free if you can't afford it). We also have copies of the Convention schedule(free), including Cap'n Crunch's and Joe Egressia's #'s.



Dear TAP,
 When using a blue box to call any country which is on the IDDD list, if it has a 2-digit country code you can leave off the zero from in front of the country code once you have obtained a register(i. e. -KP6122074 ST instead of KP06122074). It will be treated as a customer-dialed call, which means you won't be able to reach the inward or other operators. If it is a 3-digit country code then it will be automatically treated as a customer-dialed call unless you use a special "operator country code" which starts with 0 & has no relation to the regular C. C.
 -H. GORDON LIDDY, NY-

To Destructory Assistance-
 Two IOTC accessible areas are 202 and 713. Any WATS number such as 800-392-XXXX or 800-424-XXXX to these areas will work. Also 800-447-XXXX. (IOTC means you can box KP 011 country code ST and you'll be automatically routed to the correct 18- sender). Is there a direct route to Moscow off of the 182 sender?(White Plains) I've been getting some overseas point by dialing KP182ST, KP17121ST. It's usually a busy signal (distant) and when I call Japan and ask for Moscow she says it's too early in the morning and they don't answer.

Dial KP713 141ST or KP202 141ST and ask for "overseas routing for Paris France please", or whatever. Ask for IOTC. She'll give you all the routing instructions(ignore "Mark XXX..."). Call KP713 151ST. It's called "1st attempt failure desk" and it will record everything you say to it. Play a radio newscast for them or talk about phone phreaking.

-SW, TEXAS-
 NOTE: You can reach a Moscow Test Center by using overseas sender KP188ST, (although it's supposed to be served by NY4, 183) or IOTC KP011 071ST, then KP071 095 080ST, when the trunk chirps play KP01 6ST. A Moscow test board will answer. They often speak some foreign languages(including some poor English). Also, try Israel, 972, or just 72. Here are some cities:
 2-Jerusalem 53-98378-Tul Karem 65-23854-Genin
 3-Tel Aviv 53-98373-Nablus 2-97-Hebron
 4-Haifa 59-Elat 2-922610-Auja
 53-Natania 65-Afula, Nazareth

HOW WE CATCH RED BOXERS

by Milton Moritz, United Telephone System

Dear TAP,
Did you know the restricted line feature of many Centrex installations can be bypassed? One may usually call outside by dialing 9 for an external dial tone and then dialing the number, provided that it lies in the local area. If more than 7 digits are dialed a recording comes on. But this may be bypassed by dialing 9 then 0 followed immediately by the first digit of the # then complete dialing of the number without the area code. When the assistance operator comes on insist that you have been having difficulty, reaching the local number even though you've been dialing the area code. Then you ask her to try the number for you, billing it to a credit card or the centrex line. This info should be very useful.

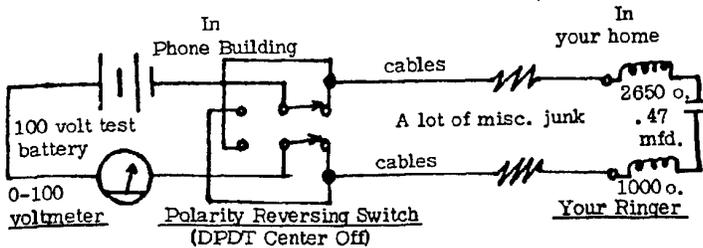
-JA, NY-

Dear TAP,
Toll restrictors are usually used at motels that have direct dial out type phones. A typical one will say "Dial 8 for local" "Dial 9 for long distance". When you dial 8 or 9 you will get another dial tone and then you can proceed to dial your own local number. Some phones you can dial info and/or 800 without the operator coming on the line but these are rare and on most types, the operator comes on the line and makes your call. The toll restrictor will not allow you to dial "1" in order to make your own long distance calls. However several of these restrictors only protect the first and second digits and can be beat in the following way... Dial the one digit shown on the phone to make local calls (usually 8) then dial the first two digits of the exchange you're in plus the digit 1 and you will find a new dial tone and the world at your fingertips. You may dial direct and the motel line is charged for the call, or you may use your favorite box without worry, assuming you have used another name at the register.

-Sparky-

Dear TAP,
I am an electronics technician by trade and a past employee of Pa Bell and Johnny General. I have been a phreak since 1956 when I made my first free call.

The resistance of the ringers is not the factor measured when friendly test board "bridges" your line. The circuit(basically)that they use is as follows: You will recognize the circuit as a simple ohmmeter, but why is the voltmeter connected in series? I don't know but Pa measures current with it. "100 volts of short" means a dead short on the line. Zero volts, an



open. Now the important part, the reversing switch. The testboardman flips it back and forth and the bounce of the meter(hook an ordinary ohmmeter to a capacitor and reverse the leads and you'll see the same effect) lets him estimate the # of ringers. Cruddy insulation, temperature, and distance from the C.O. affect readings. A key telephone may look like 3 ringers, etc. Capacitance is most important with the D.C. winding resistance next. At one flip per second, coil inductance is very important, too. As for detecting phones without ringers, Pa Bell can't do it. I have 17 telephones and a key system(I use my own "one bell simulator", 3650ohms and .47 mfd. in series). You can safely connect as many ringerless phones as you like. Peace be with you on the tandems forever(ka-chirp).

-Almon B. Strowger, CA. -

NOTE: Connecting extra extensions is in Issue #1.

I personally view the red box as a much less dangerous item to us than the blue box. The basis for this is as follows:

1. The red box does not work on all pay phones. The electronic tones which it produces match those of the new "single slot" pay stations. Older pay phones still use the two internal bells to register the coins dropped into the phone.

2. Telephone operators are trained the electronic tones. Our pay stations all produce exactly the same tones. If the red box is slightly out of adjustment, the operator will normally recognize the tone as abnormal and report the call for further inquiry or investigation.

3. Each toll call, whether from a residence phone or pay station, is rated and billed by our computer. The amount of money collected from each pay station is also reported to data processing and a computer printout compares the calls billed to that station against the money collected. When a pay station starts going "short" we immediately check to see if this is electromechanical failure, operator error, data processing problems, internal theft, or external theft. Thieves and cheats are, like the rest of us(our emphasis), creatures of habit, and their activities will form a pattern in a fairly brief period of time."

Security Letter is an anti-ripoff newsletter for corporations that is itself a ripoff at \$48/yr., and who attended our convention last year without permission to rip us off and report on the convention in Telephony. Ed. Robert McCrie's latest issue, we're told, rips off part of Ron Rosenbaum's excellent article from the Village Voice on our second convention. If you happen to be receiving SL, you're wasting your money. The articles are a waste and filled with (stolen)errors. anyway. -TAP.

Dear TAP,

In a past issue, you told us about Security Letter, and I sent off for a subscription. Why the fuck didn't you people tell me that they also charge \$48 a year for a subscription to their 4-page deal that comes out every 2 weeks. A little hint about sending telegrams by phone: I sent one to Florida on April 29, and didn't get the bill until September 1. A nice little thing to keep in mind... You mentioned this obliquely in one issue, but I thought I'd clarify it. To get a call for a nickel on a fortress phone: insert a nickel. You will hear a slight change in the background noise. Hold down the hook switch until you hear a very faint click in the handset, about a second. Let up the hookswitch, and you have a dial tone. Unfortunately, the dial will not be connected, so you have to tap out the number on the hookswitch, which takes practice.

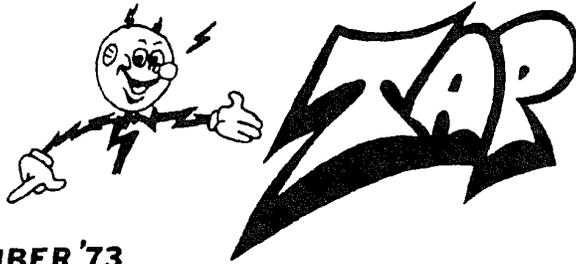
-CS, HOUSTON-

Dear Persons,

Under the bank Security Act, passed several years ago, all banks that handle checking accounts must make photo copies of all cancelled checks and keep microfilm records in their central records dept. These copies can be inspected on demand by Treasury Dept. agents, without any warrants whatsoever. When the Fed snoops get around to harrassing radical libertarians(individualist anarchists) then I'll be under strong possibility that Big Brother is watching my financial transactions. Until then, however, I'm not going to give them a head start over a miniscule 50¢ check to YIPL. (I'm not saying "I don't care until it hits me"). ACLU, Proxmire and others are fighting the Act, but Ghairman Patman of the House Banking committee is for it and won't hold hearings on it.

-RE, NY-

NOTE: TAP suggests readers send money orders, which need not contain your real name or address.



NOVEMBER '73

TECHNOLOGICAL AMERICAN PARTY



The Energy Crisis was finally spotlighted this month by the Pres to the American Public. It was "suggested" to the people that cutting down highway speeds, shortening school hours (good news in some respects), turning off your home and office lights when unneeded, and lowering the thermostat would give us a savings of considerable magnitude on fuel consumption. The second part of project Independence would be to develop within this country a source of energy which would free us from "reliance on a foreign enemy... er, energy"...

It seems that this country can only be moved ahead in times of crisis, so instead of preventative structuring of our life systems we get problematic solutions. That is to say we do not really rid ourselves of the disease, we only change its name and place and again wait for a crisis.

Take for instance Gas consumption. A better way to take the same amount of fuel and stretch its potential use would be to expend scientific skills in the development of a gasoline engine with better mileage. Almost all the American car manufacturers have reduced amounts of miles per gallon this year in their cars. And why not? Along with the oil interests they stand only to win.

The Pres also said cars usually only have one person in them. Anyone who's stood out on the road for hours, freezing their ass off could have told us that. Us hitch-hikers are probably going to be blamed for the high speeds that frightened motorists travel at (the same mentality that blames phone phreaks for rising phone rates). We know that the American People are being fed advertisements that make us CONSUME. But you didn't really expect Pres to get up there and admit that our entire economy (that means his friends' profits) depends upon a continuous increase in CONSUMPTION, which is what caused the whole mess. Buy, Buy, Buy, Throw Away, Throw Away, Oops, better conserve, we'll raise our prices so don't worry!

The same could be said for all gas appliances, and even manufacturers of electric lights. Couldn't a low consumption high-brightness bulb be immediately produced? You bet your blue box! But the most recent trend among the Science communities is to use their abilities in developing either weapons of destruction, or useless niceties like better floor wax, instant cheese dip or pocket calculators (for adding up all your purchases). Let's pray that before we start unrestricted strip mining and other rapings we can get maximum output from already existing fuels and decrease our consumption by using decent mass transit & sharing with others. Three color TV's per family! Now is the time for Bell Labs to come forward and tell us what the fuck they've been puttering around with that would help us instead of lowering AT&Ts construction costs and boosting profits.

The Electric and Gas companies are huge monopolies who have the nerve to sell us the Sun's energy. They have free reign over the rates they charge, the quality of the smoke we're forced to breathe and the oceans and lakes they conveniently dump their wastes into. And don't forget that they plan to risk all our lives by installing unsafe nuclear power plants in the midst of population centers. We'll probably find out sooner or later of the corruption & payoffs that allow the Atomic Energy Commission to ignore
(Continued)



BELL LABS:
Just what the hell have they
been doing since 1953?
(Nat. Geographic Photo)

Bell Solar Battery Uses Silicon to Turn Sunlight into Electricity

Dear TAP,
I am enclosing this little thought; though I am sure that no one would ever use it for illegal purposes, it is an interesting theory. In many of the older electric co. installations I am told that the wheel they used was of a ferrous alloy, and I have heard of people who, at peak electrical periods (in evenings) attached a small but powerful magnet to either the top or the sides of the electrical meter and actually slowed the meter down so that they were in effect relieving free electricity. Unfortunately the newer meters have aluminum wheels, however the motors which turn them must still be affected by magnetism (and could possibly be slowed?).

Dear TAP,
The part in your article that reads "Women are especially urged to take the course as they usually have a fear of electrical concepts..." should read something like "as they usually have been strongly discouraged from learning electrical concepts." The problem is not women's timidity, but sex-role stereotyping. But it's good you mentioned women in particular.

-S., D.C. -

Note: We should also mention that people of both sexes are strongly discouraged from learning electronics so as to keep us technologically naive and sell us more expensive garbage. Also, of course, to prevent us from tampering with the system. And to keep people on different levels. Course B, Alternating Current is ready. The correspondence courses are 50¢ per course (free if you can't afford it). We think that after reading 6 of the courses you should be able to build any project that we've published. We're trying to make it a simple and fast way to learn to build electronics. The first course is Basic Electricity Course A.

our health and safety, but in the meantime it's comforting to know that these death machines cost money, and we can cut down their revenue and put it to better purposes.

Power phreaks have been around a long time, but on such a small scale that the companies haven't done much to stop it. That will probably change, but they move like turtles and won't be able to do anything on a large scale for years. By then we'll be ten more steps ahead. Besides, God is on our side.

Pay strict attention to the safety rules. We all know that strict obedience to the rules is the only way to get power anyway. More power to you!

Electricity works on the same basic principle in all types of meters around the country, though the meters may look slightly different. First a word about safety.

You will be working with 110 volts like any normal outlet in your home, but you will be closer to that current than if you were plugging in a toaster. So you must know how to be careful. 110 volts can kill you. TAP guarantees that if you stand in a puddle of water, 110 volts will kill you. The same goes for working with wet or sweaty hands on feet. Remember the bathtub in Goldfinger? When you work on electrical lines, wear gloves. If you are too bumped out by gloves, at least wear rubber-soled shoes. And keep dry! Don't stand on a damp floor! If you use your head and work slowly, keeping safety in mind, you will not get shocked. It may seem like a dangerous expedition but it's actually simple to do and a lot of fun. So locate your electric meter, which is usually found in the basement of apartment buildings, or on the outside of houses, put on your gloves and rubbers and get to work. Stand on a rubber mat if you're standing on dirt or dampness. If your electrical meter is among others and isn't clearly marked for your apartment, have a friend turn all your lights on and off simultaneously and then look for the meter that starts and stops. You can tell the meter is starting by the little rotating wheel in front that turns the gears of the little pointers. When you've located your meter, how about jumping it? That will slow the meter down to a crawl, even if you use a lot of electricity, which of course conservation-minded TAPPERS don't do, nor do they rip off, blah, blah, ... This requires removing the meter. The meter simply pulls out with a little wiggling, but it is oftener than not clamped on tight with a ring of metal, which unscrews with a screwdriver. Sometimes an additional lock is put on the ring, called a rollersmith lock. You can't cut a rollersmith lock, but you can make a "key" for it and take it off. The insert shows how to pick this lock.

Remove the ring by bending it slightly, then grab the meter with both hands and pull it straight out. The meter has prongs which fit into sockets on the wall panel. The electricity flows from one socket, into the meter, and out of the meter into the socket which leads up to your home. Now that the meter is out the electricity is turned off. Now we have many choices open to us. We can:

- 1- Turn the meter pointers backwards to some point.
- 2- Break the meter, or jam it up.
- 3- Bypass the meter with a jumper so the meter doesn't move.
- 4- Bypass the meter with a thin jumper so the meter moves slower.
- 5- Turn the electricity on if it had been turned off.

TURNING BACK METER

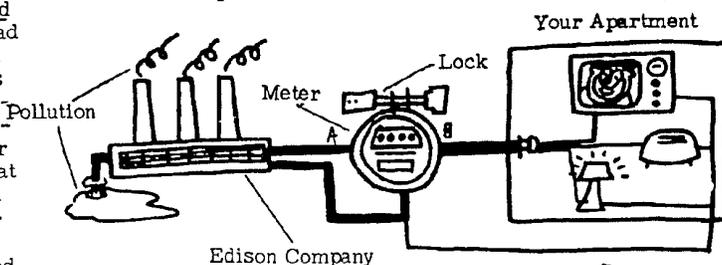
This involves opening the meter case and moving the little dials with your hand. Often there will be a small wire with a lead seal that you have to break in order to open the case. Just cut it off, they never check anyway. When unscrew the glass case one-eighth of a turn, and remove the glass, turn the dials, and close it back up. Be sure to move the dials back to an actual number. This is a tricky thing to do, and you also have to make sure that you don't get your meter read with the reading less than it was before. If they see you used negative electricity they may have a few questions for you. Get to know when the meter reader comes, how often and on what dates. After he comes, read the meter, and turn it back to that point right before his next visit. Add a few token kilowatt-hours so they look like you went on a trip and left a clock on. Put the meter, ring, and a little dirt back on to make it look lonely. Be sure to push the meter in straight and firm.

BREAKING OR JAMMING METER

This is dangerous because you can't control it precisely. Rather, you get an anarchistic situation which may result in the meter burning up and the meter reader noticing it. Jamming the meter is accomplished by opening up the case and bending or rusting a few gears to make it stop or to slow down. Stopping the meter isn't recommended because almost everybody's meter is moving continuously and it may look suspicious if your meter is completely dead. But physically jamming the meter usually will stop it completely rather than slow it down. A better way to slow it down is to install a shunt wire inside the meter. We'll show how it's done once we get a few meters from the readers to do research on. Meanwhile you can shunt the meter outside of its case.

SHUNTING THE METER

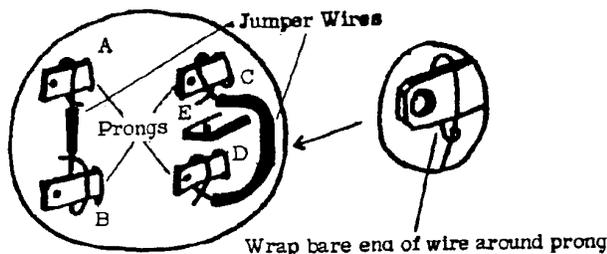
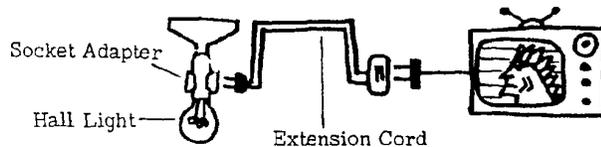
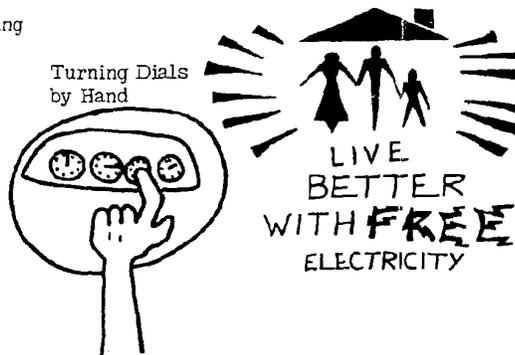
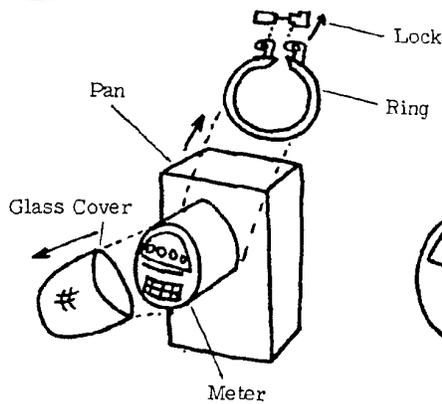
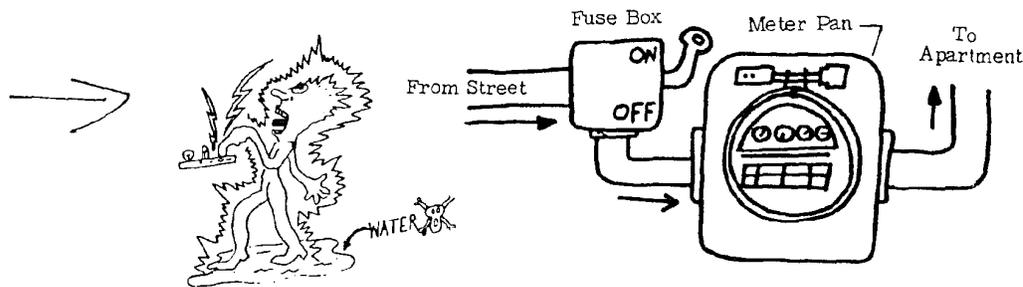
If we look at a diagram of how the electricity is fed thru the meter to your home, we see that a jumper wire from point A to point B could carry electricity around the meter. Thus, it would be free. Since the wires in and around the meter are thick, our jumper wire will have to be thick to be able to carry all the electricity, so that none goes thru the meter. A piece of insulated #14 wire will do the trick.



Remove your meter from the meter pan. The back of the meter will have prongs which plug into sockets in the pan. Take a 9" piece of insulated solid copper wire, #14 or #16. Wrap it around the proper terminals, thereby bypassing the meter. In our N. Y. example with a 3-wire Westinghouse meter (for places with both 110 and 220 volts), the proper terminals are the two vertically-oriented pairs. There is a horizontal ground terminal; don't connect on to it with the jumpers. The jumpers may have to go to different terminals on other different types of meters, and you can find out the proper terminals with a simple ohmmeter (\$4 or less at electronics stores). Since the proper terminals to be shunted already have internal shunts, the ohmmeter will measure less than 1 ohm, between those terminals that are to be shunted by you. That means the meter will do the same thing as when you touch the two meter wires together when you hit the correct terminals to be shunted. In our example, jumping pins A and B will give you free 110, jumping pins C and D will give free 220. Pin E is ground, and don't jump that to anything. When installing jumper wires, strip off the insulation 2" from the end and wrap it around the prong as shown. The wire must be wrapped around the part of the prong near the plastic base of the meter or it won't fit back into the sockets in the meter pan. Be sure the bare part of the wire touches only the proper prongs and stays clear of all others.

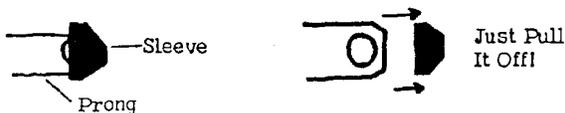
Now, carefully fit the prongs into the sockets and firmly push the meter into the pan. It may not go flush, but push it in and put the ring over the meter and screw it shut. Forget the lock if you removed one.

What will happen now is that the shunt will bypass some of the electricity around your meter, but not all. The thinner wires (#16) will only bypass some of the electricity. The meter will run slower than it normally would. The larger wires (#14 or #12) will stop the meter almost completely. This is a mixed blessing, because it looks suspicious and should only be done in fiscal emergencies. We'll let you know better and easier ways to bypass meters as soon as we hear from you about them.



RESTORING POWER

Two ways of commonly cutting off your electricity are removing your meter (Yeal) or by slipping little rubber sleeves over the prongs of the meter, thus preventing the prongs from contacting the sockets.



To get around these methods is easy. Just put in another meter, or jump the socket with wires. If you do this, be prepared for a visit from a Electric Co. representative. Be ignorant but nice. "A jumper? What the heck is a jumper?" Or you can jump the socket from behind the meter pan so that even if the meter is gone they won't see the wires. This will hopefully be explained in a future issue.

To remove the plastic sleeves from the meter prongs is easy, but they'll notice (maybe) that your meter reading is going up and your wheel is moving, so you should install jumpers too. In fact, you can leave on the sleeves and very carefully install the jumpers so the meter is dead but the jumpers are live. That may require some work, though. ANY IDEAS?

Or, you can do the safest trip of all, and that's to steal it from your landlord. Only do this if you hate your landlord, but of course don't do it anyway. Just tap the wires from a hall light or an outside light and run them into your apartment. The maximum current you can use is then de-

etermined by the fuse of the hall or outside light circuit. If you use too much current, the fuse will blow and you'll have to wait until it's replaced to get electricity from that circuit. When wiring outside, use thick, weatherproof cable.

All power wiring must be done intelligently. Otherwise you can have a fire. So here is how to figure your current demands: Each appliance you use eats up a certain number of watts. 110 volt appliances use 1 amp (or ampere) for every 100 watts of power. 220 volt appliances use 1/2 amp for ever 100 watts. You'll usually be using 110 volts, so obtain #16 wire for handling up to 1000 watts, and #14 wire for 1000 watts or more. Hardware stores will have all the plugs and sockets and wire you need with people who can show you how to hook it up.

Hide all "tap" jobs by routing the wires through walls or above ceilings. Camouflaging sometimes helps. If you tap off of a hall light, be sure to replace the bulb each time it blows. If someone else does it they may see your handiwork.

Whenever you do a tap job, pay attention to safety rules. If possible, turn off the circuit while you're working on it. Find the switch or the fuse that turns it off. If you must work on it while it's live, get a friend who knows how. It's dangerous, and one must use insulated tools and have enough dexterity to be able to work with gloves on. We suggest you find the fuse and have someone hold a flashlight. If anyone asks, you're just changing the bulb.

Dear TAP,
If anyone there is into short wave and has a receiver that can tune 17,436.5 Kc. (ITT's frequency) for facsimile transmission, you can intercept all sorts of memos, schematics, etc., by hooking it up to a Xerox 400 Telecopier (rents for \$50. a month).

-ML, PENNSYLVANIA-

THE CODE BOOK

All About Unbreakable Codes
and How To Use Them

Michael E. Marotta

"...THE CODE BOOK...goes into considerable detail on codes, cyphers, computer applications and how to successfully employ your secret code. In addition, the author adds a good historical perspective to the subject."
-Electronics Today

"...if you'd like a short summary of codes and cyphers with a dash of practical advice ... this book worthwhile."
-Creative Computing

THE CODE BOOK

All About Unbreakable Codes and How to Use Them
by Michael E. Marotta

REVISED SECOND EDITION

Completely revised and updated, and greatly expanded to include the latest developments in cryptology, THE CODE BOOK is the only book written for the layman to reveal little-known methods of writing unbreakable codes. Now you can keep whatever secrets you want — from anyone! Financial records, directions to buried or hidden valuables, secret formulas, times and places for clandestine meetings, or whatever information you want to keep from the prying eyes of Big Brother! Complete instructions for writing codes by hand, using pocket calculators, and using microcomputers are explained in easily understandable language. No knowledge of mathematics or cryptology is needed to understand the easy-to-follow directions in THE CODE BOOK! Here are a few of the topics covered in this amazing new book:

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- Rivest functions
- Public key systems
- Function ciphers
- One-way codes
- Obfuscation
- Goodellized ciphers
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- Random alphabets
- And much, much more, including an extensive bibliography and tables of random numbers!

Obscure secrets known only to international espionage agents and professional cryptographers — now revealed for YOU to use!!! Everything you need to know in order to write unbreakable codes and have complete privacy of information is revealed in this astonishing new book. Order your copy now. You will be very pleased, we know.

1983, 5½ x 8½, 84 pp, illustrated, soft cover.

THE CODE BOOK: \$7.95
(ORDER NUMBER 10038)

Dear TAP,

Two good books on sabotage: Beasty Business, (computer sabotage) \$1.95 British Book Center, Ecotage, (general sabotage), \$1.95 Pocket Books. Also try Laissez-Faire Books, 208 Mercer St., N. Y., N. Y.

-D., NY-

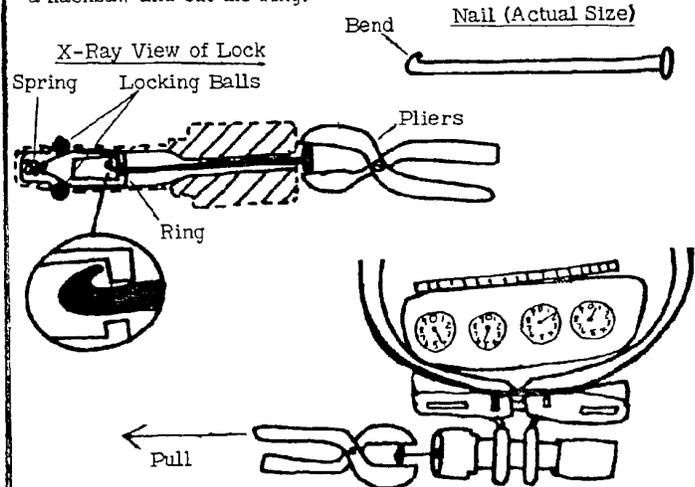
Dear TAP,

A friend showed me an amazing catalog from American Colonial Armament, 1 Riverside Road, Riverside, Ill. 60546. In addition to a large selection of electronic bugs, bug detectors, surveillance units, and other electronic goodies, it contains weapons, police equipment, army surplus and books. Just about everything Abbie mentions in Steal This Book. It's a little right wingy in tone, but a real trip to read. Cost is \$2.00. Keep up the excellent work.

-OHIO-

PICKING THE LOCK

To make a key for a rollersmith lock, take a 2" nail, size 8D or slightly larger, and bend up the tip a little as shown. You may have to tap it with a hammer to insert it a full inch and an eighth. Then use the bent tip to hook one of the rings inside. Pull the nail out very slowly and powerfully with a big pliers or visegrips. The spring in the lock is very hard and it will slip out a few times before you get it, but when it does the lock will open up. If you can't get it, just get a hacksaw and cut the ring.



Dear TAP,

Better tell people to turn off most if not all the power in the house when they pull the meter. When you put it back in, if there is a good load it could blow out. Just throw the main switch at the fuse box. There is a meter direct wired here that is working fine.

-FLORIDA-

Dear TAP,

Brainstorm! If you want to find out who owns a local #, call the business office and say "Service rep please, 329 residence (or whatever the exchange is, and whether business or residence)". The operator will switch you, and when the rep. answers, order an out-of-town directory. They'll ask you a number of questions, and then they'll ask for your phone # so that they can get your name and address. Give them the number you want to check, and then when the rep comes on and says, "Alright, Mr. Roberts, I'll handle your request", complete the call and then check the directory for which Mr. Roberts matches the number. This is a way to get around the telco ripoff of allowing law agencies to find who owns a number, but not Joe Public.

-TEXAS-

Abbie's case has gone to court with a motion to drop all charges on the grounds that cocaine is improperly classified as a narcotic with heroin. The judge complimented the defense on the extent of their research and documentation but refused the motion. His case goes to trial soon & money is desperately needed, so if you can help with a few bucks please send it to: Abbie Hoffman & Friends Defense Fund, 640 Broadway, N. Y., N. Y. 10012, don't send cash!

TAP has courses on Basic Electricity that are easily understood, no matter how little knowledge of Electronics you already have. You learn by building useful projects and experiments such as those in TAP. In fact, you should be able to build any project in TAP after 6 courses, which are 50¢ each (free if you can't afford it). 3 courses are available now, A-Basic Electricity, B-Alternating Current, and C-Basic Phones, with more coming soon. We urge you to send for them if you want a quick education in electricity.

If you want to meet other phreaks in your area, and are willing to be met, write to Meat. We'll accumulate a list of names and match you up with someone nearby as soon as possible, and notify you both.

T-shirts will be coming soon, but we don't have them yet. They'll look like choice no. 1 in Issue 22.

TECHNOLOGICAL AMERICAN PARTY



NO. 24

DECEMBER 1973

HELP IS NEEDED

We need info on the following subjects for future articles in TAP.

Automatic Blue Boxes- With info about where they're necessary.

Vending Machines- Locks, getting stuff, etc.

Locks- New code books, picking Medeco, Sargent Keso, tricks, etc.

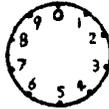
Radio- Setting up your own station, transmitter schematics and building jammers, info on pirate station legal hassles.

Burglar Alarms- Such as Holmes and other central station alarms, bypassing, electronic keys and picking, etc.

Also, Magnets, Overseas Phreaking, and Chemistry.

Dear TAP-

Your advice on turning back Con Ed meters by hand is great-been doing it for years. However, you should mention that when turning the dials back, one should be very careful not to touch or even slightly rub the face of the meter. The black ink used to form:



smudges very easily on the white background-They must use a special ink to get that effect. Also the white background stains easily from the slightest touch. Smudges put the meter reader on notice that the meter has been tampered with.

The seal on the meter can be replaced so it will look untouched if you use common sense in cutting it (Any one know how?). But if there are smudges the meter reader closely examines the seal, which he wouldn't ordinarily do, and then puts Con Ed hip to the game. This happened to me once and I don't know their next step since I moved (for other reasons) right after Con Ed put in a new unsmudged meter with a new seal. But that is the only way Con Ed ever caught on in about 5 years. You should advise participants to be careful not to get caught since sect. 165.15-5 of N. Y. penal law states "with intent to avoid payment... for a charge... measured by a meter he tampers with such device or related equipment or in any manner attempts to prevent the meter or device from performing its measuring function..." is a class A misdemeanor and with a legal aid lawyer you'll do the maximum sentence of a year.

Also in any payphone, a 1/4" brass washer works for a dime-not by putting tape over the holes which rarely works but simply by spitting on the washer, both sides. It takes some practice until you learn just how wet to get the washer; you may have to drop it in the slot a few times. Use a 1/4" brass washer-not a #14, which is the same diameter, but has a bigger hole. I have never yet used a phone that didn't work on these. Works best on phones with lever coin returns-knob return phones must be tried a few times.

Keep up the good work. Fuck them all.

P. S. - If you wrap some drano in aluminum foil then drop the foil in water, hydrogen is produced. Don't know what concentration is explosive, but it has possibilities-dropped in a toilet, quantities of explosive gas are produced.

-NY-

The New Year season makes us feel
Full of joy, zest, and zeal
The joy we feel when we explode
The 1974 Credit Card Code!

1	2	3	4	5	6	7	8	9	0
N	X	Z	A	G	S	Q	F	U	J

To use this code, add the city code and then the code letter to a phone number of the desired corporation. The letter is determined by the 5th digit of the phone number. Example- Litton Industries in Los Angeles is 273-7260, Area Code 213. The code for Los Angeles is 124, and the 5th digit is 8. The Credit Card Number is 273-7260-124 F. How people make calls is outlined in the Credit Card Fact Sheet.

Dear TAP,

I have noticed that all the envelopes I have received from TAP have been opened. Twice they were resealed with a lot of glue, and once the envelope was just taped up loosely, after being opened at the top. It seems someone has made it their duty to monitor private mail. Is this legal? Maybe some of your readers have had this same problem.

The number of the American Embassy in Moscow is 252-0011. To test Blue Boxes, dial KP 402 009 ST, then dial KP 11 + digits + ST, up to 10 digits. The computer will read back the numbers you dial correctly. 901-725-9021 is a test # with the sound of a train.

-TEXAS-

Ed. Note: For two years we have had problems with our mail, as you all know. But getting it intercepted by Bell is another story. In 1972, one reader reported that Bell security men knocked on the door and asked if they were the same person whose initials had appeared under a certain letter in YIPL. They said, "We know you receive YIPL" (now TAP, of course). Another reader overheard Bell security calling their employer and saying, "He receives a newsletter called YIPL, which is part of a national conspiracy of about 600 people". And we recently learned that in a bust, a Bell man was carrying an Issue of TAP addressed to the bustee, THE ONE ISSUE THAT THEY DIDN'T RECEIVE. This is totally illegal without court order, and we are sure that some of the above cases weren't ordered by any court. We are examining several possibilities at this end, but any of you can pick up a few bucks if you have a witness to evidence of mail tampering without a court order, and institute a suit against your local pigs. If any of you know of direct evidence liking Bell or Post Office officials with mail tampering, let us know about it.

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Movement groups may reprint with TAP's address, and please send us copy of reprinted work.

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TAKE CARE OF YOURSELF



REPORT ON TOLL FRAUD DETECTORS

It is now widely acknowledged that Phone Phreaks have contributed greatly to society. For example, we have been regarded by AT&T as "a threat to national security". This has been of service to our President in his more trying moments of attempting to rationalize his grand larceny of the Bill of Rights. We have similarly enabled AT&T to blame rising phone rates partly on us. And now it seems that we are putting people to work making devices to catch us. A definite contribution to the nation's economy!

The most obvious way to eliminate Blue Boxing is to change the frequencies. Fortunately, that's impossible. The whole fucking world has adopted MF (multifrequency) as the standard. So the next thing tried was to detect the 2600 Hz. tone, which is normally not present on customer phone lines, or even between certain Central Offices (C. O.) Teltronics (we printed their credit card # in Issue 20) has a FFF-100 Fone Freak Foiler for detecting 2600 Hz. tones longer than .1, .2, or .5 seconds (selectable). Two units are mounted on a card for rack mounting in a C. O. for \$98. For \$350 they sell a PFFF-1 Portable Fone Freak Foiler that also has two channels and is smaller than a breadbox. When activated by a 2600 Hz. tone, it closes a relay that can be hooked up to a tape recorder, alarm bell, fuse, etc. It can also be wired to disconnect your line, too.

Dianatek makes a \$295 SF and KP counter. It only responds when it hears 2600 (SF or Single Frequency) followed by Key Pulse within the next 20 seconds. Since most senders time out by 20 seconds, you can't beat it by blowing off and then counting to 20 before KP. This means that it won't be fooled by false alarms of people picking up their phones, dialing long distance information and whistling. However, it also won't respond to SF fraud, done by sending pulses of 2600 for each digit. SF is still around in some places and we'll report on it soon as receive info on it.

Hekimian Laboratories (301 424-3160) sells a \$4000. 51A Dialed Number Recorder. It records on paper tape like an adding machine, noting such trivia as every time you pick up the phone or hang it up, every call you receive, and the exact numbers you dial or touch-tone. Oh, yes it notes when 2600 appears on the line above -31 dBm in volume. Time is kept by an internal clock with the date, and for a measly \$1000 you can add Multi-frequency printout so that all Blue Boxed numbers will be recorded. It can also activate other equipment like the others. A remote signal extender allows the Recorder to be used at a point that is not connected by a DC loop, such as over carrier (and multiplexed) facilities. 5000 calls can be recorded before the paper tape has to be replaced, so don't hesitate to jiggle the switchhook before you go to sleep tonight!

Northeast Electronics makes a similar Dialed Number Recorder, a little less expensive, and a capacity for only 500 calls on a roll of tape. Voiceprint labs has another but it doesn't even detect 2600 unless you fork over another \$200 (after the initial \$2000).

Bramco (513 773-8271) makes cheapie tone decoders that you'd have to modify to turn into a fraud detector.

Hekimian also makes a Black Box detector that detects voice currents on a line which is not drawing "off-hook" current from the C. O. It also has a 2600 detector that is used to prevent "Reverse Sig" boxes, which simulate a black box by sending 2600 back to the caller. Information on Reverse Supervision boxes will be forthcoming.

As for Red Boxes, the Phone Company is relying on operator's ears. A lamp is usually able to tell if coins are present, but only when an operator manually collects or returns (or tries to) coins. Still, operators are so used to broken equipment that you can usually act indignant if they get suspicious and get away with it. The trick is not to have them collect or return money when there isn't any.

Bell's had their own stuff for a while, like a 2600 detector which activated a normal tape recorder. They would then use the tapes in court. And the Dialed Number Recorders are just fancy versions of the old Pen Register. A

computer program that counts 800 calls for normal statistical data is now used to call attention to excessive or long 800 calls or 555-1212 calls. Suspects get 2600 detectors placed on their lines as the next step. Bell's own stuff was all designed to be compatible with the rest of the system, thus their 2600 detectors have "talk-off" protection. Though some 2600 detectors have a narrow acceptance bandwidth around the center frequency, in this case 2600, Bell's have an additional feature which rejects as false all 2600's that are accompanied by other sounds. These can be bypassed by using guard tones, also coming up soon in TAP, but the poor quality of all the other manufacturers doesn't allow the use of guard (because they don't use talk-off).

All of these units work, and they all have limitations. Obviously, putting filters in all of the phone lines in the country is too expensive. Even putting in filters at points of concentration that all lines must go through is rough, and with take time. These would probably be set up to drop a call rather than trace it in order to discourage further phreak activity. This would be a definite bummer. But we have one hope, and that is that we must rely on the inflated egos of Bell's crack security force. These dudes know damn well that putting in filters and even the detectors won't earn them any points with the top brass. If Bell's own security can't stop phone phreaks, what the hell are they on the precious payroll for? If any agents are reading this, and we know they are, we hope they ask themselves that question and get to work finding us with their own ingenuity, IF THEY CAN! Bob Kitzinger of Illinois Bell Telephone admits they spend more to catch us than they get back. One day, Bob, even JD might be forced by the biggies to abandon this charade, along with the clowns. But Bob knows this and that's why phone phreaks have hope. If Bob gets every phreak in Illinois he'll be out of a job. Yes, we'll hear rumors of busts and filters and detectors all over the place, and each time someone is caught a hundred papers will scream headlines, but in reality it will all be people like Bob who want job security, being PR people rather than recommending the most effective methods to their superiors and being replaced by a machine. We don't blame you, Bob.

How do we get around the detectors that are around? By using common sense. Don't use home phones for Blue Box calls. Don't have a "favorite" booth for Red or Blue Box calls. Don't stay on long on Black Box calls. Without calling attention to yourself, try to find out what the story is in your local C. O. This is possible by asking your Business rep. what kind of switching system you've got. They tell you sometimes, if you say you just read an article about ESS (Electronic Switching System), and you're doing a report for school. Get a job or have a friend get a job at your C. O. And keep all calls, even from pay phones, under 10 minutes and even less if possible. You can make twice as many calls safely if they're half as long. Try this gem: Use a Red Box to call a cheap long distance number, and beep off to Blue Box Land! At the end of the call, give the operator her money. Why use a Blue Box if you've got a Red Box? Europe, Australia and Africa, for example! Most booths won't hold enough Red Box \$.

If a Blue Box Detector records your call, there's a chance that the number you box will also be taped. So be sure to call only cool people, or amnesiacs, or corporations. However, the most important security precaution you can take is to watch what you say. More phreaks have been caught because of big mouths than anything else. Before they put a detector on your line, they have to suspect you, right? Don't brag about your black box when people you don't trust are within earshot. Bob says, "Most of our help on Black Boxes comes from informants". Don't tell your friend that you just called them with a hot credit card or a red box or the operator may hear you. Just act like every phone you're on is tapped. If you subscribe to TAP, they probably are!

**IF YOU'RE SO SMART,
WHY AREN'T YOU RICH?**



LIVE
BETTER
WITH FREE
GAS
AMMO



JAN.-FEB. 1974

NO. 25

AT&T Chairman John deButts said 1973 was "a good year for our business. We are now setting our sights for 1974 with a view to making it even better." Their \$800 million net income was a piddling 24% above 1972's. Passing along an increase of 23% to shareholders leaves \$6.3 million unaccounted for, eh John?... deButts also blasted interconnect companies who sell private phone systems to businesses, saying that the FCC should stop them before they totally ruin all phone service. Meanwhile, Bell Labs has developed a new improved key telephone due to competition from interconnect companies... The Illinois Supreme Court ordered Illinois Bell to stop using customer's money for lobbying, executive's club dues, charity contributions and other expenses... General Telephone appears to be shaping up as a mouse with an elephant's appetite; from an ad for their new CAMA billing system by Automatic Electric, "Timing is precise to one second; your customer gets no free time due to inaccuracy". And an ad for their new single-slot phone, "Simple strapping changes revise local initial calling rates all the way up to 35¢, in 5-cent increments. It's an easy field adjustment that only takes about ten minutes. There's nothing extra to buy. Nothing to install. "They're handing out leaflets at schools showing a guy in jail for making free calls, and they say, "We know

most people are honest. But a few think it's clever to cheat and steal... that the phone company won't miss a few bucks. That's why we're telling it like it is. Thanks to modern electronics, it's easier than ever to catch people who try to rip us off. And when we catch them, it can be a real bad trip." TAP responds, "We know most people are honest. But a few think it's clever to cheat and steal... that the public won't miss a few billion bucks. That's why we're throwing in a few hip phrases totally out of context. Thanks to modern printing presses, it's easier than ever to expose corporations who try to rip us off. And when we expose them it really can be a trip". Two GTE former district managers charged that GTE fixed their books for the last 10 years and the Kentucky Public Service Commission has concluded that it's "likely". They can't tell for sure because there's only one source of the "real" books- GTE! The originals have probably been erased 5 times by now.

DEAR TAP,
I recently complained that my mail had been opened and resealed. I thought this was the phone co. or the post office. Well it's not, my own parents were opening my mail. They told me they respected my privacy and would never do such a thing, well now I would like to warn anyone who has had their mail opened that it might not be Bell but your own flesh and blood! Who said blood was thicker than water?

I found some good literature you may be into- A mag called Moneysworth. It tells how to get many things wholesale and cheap. (Strictly legit). 5 bucks a year, write Moneysworth, 251 W. 57 St., N.Y., N.Y. 10019.

I'm sure some readers have the old problem of finding other phreaks and if you think you know one you just can't go up to them and say it, so some phreaks here have found a great solution. When you say goodbye on the phone say **ba**. This is the word bye but as if you hung up too fast, not completing the word. Try it.

-CALIFORNIA-

TAP is no longer Technological American Party. TAP is TAP. We are not a political party. We do not advocate anything, as an organization. All opinions are those of individual readers and staffpersons, and you may agree with them or not. There is, however, one policy of TAP; TAP will print technical information that is otherwise unavailable or unclear. Information which could be of help to the most readers is printed first. Information which is illegal and devoid of informational purpose doesn't make it, and an example might be a printed circuit board or a parts list.

TAP will soon publish information on lockpicking. As usual, this is technical material that is hard to learn elsewhere and is valuable for many readers. And it can be used to rip off ordinary people, so we have been asked not to print it. Not one person who ever wrote in TAP wants to see individuals hurt with TAP information. Most would like to see corporations get it bad. So, we emphasize our opinions frequently as to where the energy should be aimed. If there are people reading TAP who do use their talents to hurt others, they probably don't need TAP to do it. If publishing lockpicking or anything else encourages people to turn on each other, we would not apologize. We would condemn society and hope that such people could be lovingly taught to respect others.

Here is the recommended procedure for writing to TAP:

-Don't send cash, don't send coins, send a Postal Money Order. Save receipt but don't put your name on money order. Then it can't be traced like a regular check.

-Use enough postage, don't send postcards, scotch tape all seams on your envelope, and leave off your real name and return address.

-If possible, drop off the letter at our mailing address.

Dear TAP,
People might check out Wm. Powell's The Anarchist Cookbook which is published by Lyle Stuart, Inc., 239 Park Ave, NYC 10003 (\$5.95). Topics on drugs, electronics & surveillance, explosives, booby traps and guns. Some of it is too simplistically explained, but it serves as a point of departure for the creative. A better section on weapons is Beat the Heat (\$2.45, Berkeley Int'l Lib. School, Ramparts Press, SF, Ca.) The firearms chapter substantially reprints "Firearms and Self-Defense" (1969) by the Int'l Liberation School & Red Mountain Tribe, which had been distributed by Juché and the White Panthers.

The most elegant syntheses & explanations of effects of drugs can be found in the Journal of the American Chemical Society. Most university libraries have it. If you know German, check out Beilstein in a chemistry library. For example, one can obtain purer and better THC (Tetrahydrocannabinol) in the optically active form by synthesis than by extraction (eg, from grass, hash, etc.). If you've got business letterhead stationery or science dept. connections with a university you can buy most necessary reagents directly from chemical supply companies.

An addendum to your note on page 1, Issue 24 is that anyone who is being prosecuted who feels that a possibility exists of illegal government activities in obtaining evidence (ie, without a court order) like opening mail or tapping lines should his/her attorney make a motion for disclosure of this and ask court for all logs of conversations and copies of letters, etc. Experience is that the government would rather dismiss a case than have it widely circulated through the media that it was engaging in illegal surveillance.

-MASSACHUSETTS-



THE METHANE GAME IT'S A GAS!

As part of its continuing coverage of the energy crisis, TAP presents Part 2- Free Gas. In most places, the local power company also supplies the gas, thus they strangle people with two hands. As usual, we do not advocate following the simple money-saving techniques outlined here, as they are reproduced for informational purposes and to follow them would be illegal, though extremely difficult to be caught doing. Many of the tips are valid for electric meters, too, so keep that in mind.

Most common gas meters today work on the bellows principle, i.e. - a gas bag, usually made of leather, is forced to "breathe" like a lung when gas flows through it. A metal rod connected to the bag pushes the wheels which turn the dials of the meter, which displays the amount of cubic feet of gas which has passed through the meter. This meter is common for houses and apartments because it is accurate with small flows, such as in pilot lights in stoves and heaters. Since pilot lights use up 1/3 of the average gas bill, the power company wants to be sure to get it registered properly.

To be a Gas Raider one must follow these important rules: First, before doing anything, write down the conditions that you're starting with and the situation that you will end up with. Second, do not allow the power co. to become suspicious. Finally, and most important, use all safety precautions, bar none! A careless Raider is a dead Raider!

The first step is to make notes on the before and after situations. This is important because even seasoned professional Raiders can easily forget where a particular screw came from, or whether the washers were under the frame or over the frame, etc. And by knowing in advance what changes you're going to make, it will be easier to see what notes you'll have to make on the "before" situation. Some things you'll have to watch are in the next step, below.

Second, you must keep a grip on your security by not leaving tell-tale signs. Here's how:

1- Don't cut down your gas bill to nothing overnight. The power company knows how much you use and if the computer notices a sharp dip in your bills they'll ask you why. Saying that you've been on vacation helps, but it's best to cut down gradually. Remember, greed is the power company's downfall. Don't let it be yours.

2- Check old bills and use them as a guide. Figure out your usage in cubic feet and you'll know how much to cut down your reading by. The bills also tell the date that the meter reader comes by, another good thing to know.

3- Some meters are clean, but most are filthy. The face of the dials are usually unsmudged. Write down the appearance of your meter before you touch it, and make sure it looks exactly the same when you're done. This is absolutely imperative. If you're lazy, plan on getting caught. Gas Raiding is a precision art, requiring patience and finesse.

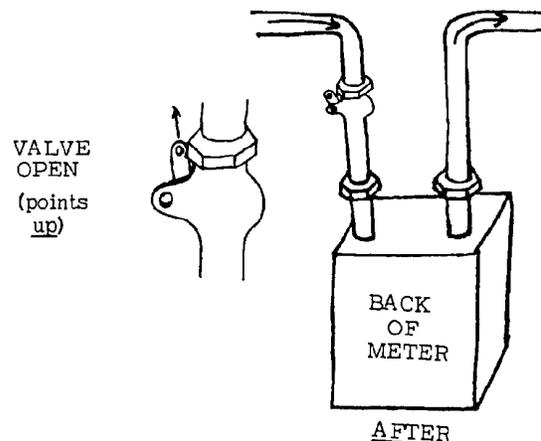
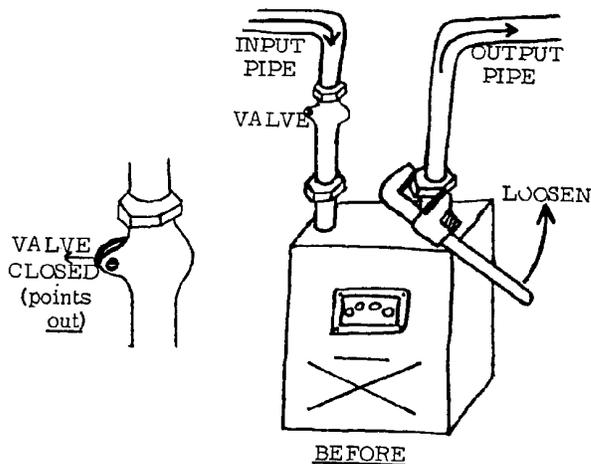
4- Use proper tools. Without a big enough pipe wrench you may scratch the pipe and/or the bolts enough to be noticeable.

5- Seals are often used on meters. You may be able to use a technique that doesn't require breaking the seal. You may be able to break the seal and put it back looking uncut, but it's not too easy. You can often get a seal and a sealing tool from a friend in the company, from a friendly employee who needs a few bucks, or by getting a job yourself for a month and ripping off a few hundred thousand. Sometimes meters are bolted on, and the threads on the bolts or nuts have a sealer-type glue. Get a bit of the stuff and be sure it looks the same when applied (and dried). If you have to break a seal that you can't replace, wait at least 8 months before touching the meter again, because they may be suspicious and waiting. Waiting is also important to see if they put a new seal on. If they don't, then they just don't care and you're in business again.

REVERSING METER

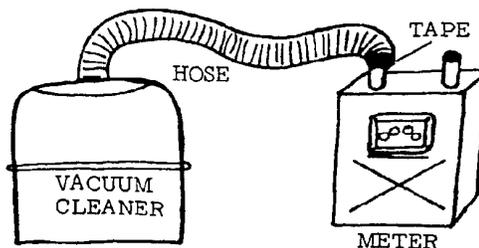
This is the easiest method of rewinding your meter. First, turn off the valve that supplies gas to the meter. When the power co. cuts you off, it uses this

valve to do so. They use a wrench to turn the valve so that the hole on the pipe and the moving hole on the valve handle line up. Then they put a lock (usually a rollersmith lock-see Issue 23) or a seal through the two holes. When the valve handle is pointing in the direction of the pipe the gas is on. Turn the handle with a wrench so the holes line up. Take a bigger pipe wrench and loosen the big nuts that connect the input and output pipes to the top of the meter. Then turn them by hand, holding the meter so it doesn't fall when it comes off. Now turn the meter around so the dials face the opposite direction that they did before, and the gas is going backwards through the meter. Tighten the nuts by hand while pushing up on the meter. Make sure they are turning smoothly and properly, straight onto the meter. Then tighten them snugly, (but not as tight as possible, or you may strip the threads) with the big wrench. As you use gas the meter will run in reverse, unless it has a ratchet mechanism to prevent it. At the very least the meter won't move, thus-Free Gas! Check for leaks as shown in the safety section.



BLOWING BACK METER

This ingenious method requires a vacuum cleaner. To



blow back the meter, connect the output of the vacuum to the output (supply) side of the meter. To suck back the meter, connect the input hose of the vacuum to the input of the meter. Tape up the connections with plastic tape and let 'er rip! Be sure you disconnect the meter from the pipes (Method 1) before connecting on the vacuum cleaner, stupid!

REMOVING DIALS

Some meters have a removeable dial assembly that is simply removed by unscrewing the frame and pulling the whole thing off. Then plug up the hole where the rod comes through so that no gas leaks out. Any gas that you now use won't register on the dials, and you can even open up the assembly that you just removed and turn the dials back to a more equitable reading. When repositioning these dials it is extremely important to understand how the numbering system on the dials works. Every time the "Cubic feet" dial rotates one full turn, the "Tens of cubic feet" dial moves one digit upwards. Thus, when the "Cubic feet" dial is on zero, the "Tens" dial should be pointing right at a particular number. And when the "Cubic feet" dial is halfway around, the "Tens" dial must be halfway between two numbers. The same holds true for all the dials, when compared to the dial right next to them. Meter readers do nothing but read meters all day, and they will know if the dials are pointing in the wrong positions. Mark down the dial readings of your meter before playing with it. If the dials aren't labeled with "Feet", "Tens", etc., then turn your gas on and see which dial moves fastest. This will be the "Cubic feet" dial, usually the right-most dial. The "Tens" dial will be next to it, and so on. Be sure no one in your home lets the meter reader in with the dials off, the meter reversed, or anything else looking funny.

SAFETY

Natural gas is a mixture of 80% methane and smaller amounts of ethane, propane, butane, nitrogen and a few

other gases. It is highly explosive and very poisonous. The shutoff valve should be regarded as your "Live-Die" switch. You MUST remember to turn it off before working on gas lines. You can faint before you realize it if you have a gas leak.

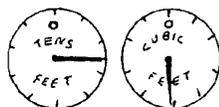
Super-Important- Work with plenty of ventilation. If impossible to have ventilation, don't work! Even after you shutoff the valve there is still enough gas in the pipes to be dangerous. With fresh air coming in you'll have no problems.

Sparks or flame will ignite any gas in the air. Do not smoke. Electric motors, drills, saws or appliances make sparks and must not be used while working on gas lines.

When you're done, check for leaks by cupping your hands around the pipe and pouring in some water. Watch for bubbles of gas escaping. This method is better than sniffing because your sense of smell will decrease if you've been smelling gas for a few minutes, and either everything will smell like gas or nothing will. Do not try the old trick of lighting a match to find a leak!

Do not work alone. With two people you have protection from fainting and not being found until it's too late. Both of you should know all safety rules and be aware of how you are feeling while working. Work slowly and carefully and you should have complete success and safety.

Before starting, locate every single pilot light that works on gas in your home. They must be relit after you finish or you'll be finished off. In one house there was a gas heater, a gas dryer, a gas water heater and a gas stove, each with its own pilot light. The stove itself had 7 pilot lights! Know your appliances and it's a good idea to have the manuals for them so you can find the pilot lights before you begin to work. Some people have gas refrigerators. Many N.Y. people only have a gas stove with one or two pilots. Your pilot lights are also good for checking that the shutoff valve is working before you turn the nuts on the meter. If you smell gas in your home after finishing, turn off the valve at once. You'll breathe easier for it!



RIGHT

Dear TAP,
Black Box Detection depends on the kind of switching equipment you have in your C. O.: Identification: Step by Step: Dial your own number and listen after each digit. If it makes a distinct click or clicks after most of the digits you have SXS. If you get nothing except a distinct Klunk Klunk sound after the last digit only, before you have a busy you have Crossbar, either no. 1 (the first kind Pa Bell created) or no. 5, the improved variety. If your busy signal sounds real musical rather than the normal harsher busy you probably have no. 1 ESS. Black boxes are considered safe only on no. 5 or possibly no. 1 crossbar. It can be used on SXS but for only very short periods, unless your C. O. switchroom is unattended at the time you use the box or if the C. O. doesn't have CPH alarms. The purpose of these is not to catch boxes (although it works for that) but to keep someone who called you from holding your line up in case they don't hang up. If the alarm comes in once in a while the switchman will just get up and knock down the connection (you'll be disconnected, and after a minute or more) but he'll get VERY suspicious if it happens too often and he may listen in. If he hears a conversation and the alarm says one person hung up, well... Some cheap offices don't have alarms, they're safe for boxing. To find out, call some business you can't stand in the same office (same prefix or first 3 digits) and after they hang up sit on the line. Make the call just before they close for the day, or they'll call the phone co. and have the connection knocked down. Or try a friend who doesn't mind his line being held up for half a day. After that time, if you're still holding the line up, either the office doesn't have alarms or it is unattended during that time. ESS is almost impossible to use any kind of box with; move to a different area. Or find a friend who works in the switchroom to re-program the computer to give you the neat extra cost features like call forwarding free!

California loop around numbers vary widely across the state, but in Southern California the pattern is XXX-1118 and XXX-1119 or XXX-0118 and 0119. Most charge, some are free when called from the same area code but charge outside that area code.

-CALIFORNIA-

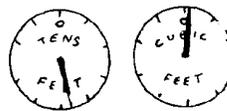
Dear TAP,

FREE COPIES!!! The 3M "400" Reader-Printer (micro-film) so often found in schools and libraries will give you all the free copies you want if you know how. When you put in a dime it gives you a copy of whatever you were looking at. The copy comes out of the top front, and you're supposed to tear it off...but not if you're smart. The paper comes on a roll. When the copy comes out, find something else you want copied, and when it's focused on the screen, grip the paper firmly and pull straight out. This will start the machinery, and a few seconds later you'll have two copies for the price of one. Stay there a few hours, and you'll have two hundred for the price of one.

Space shooter discs, (small pieces of plastic made for the space shooter toy-19¢ per box at Woolworths) work as a dime in parking meters. Just make sure it's pushed all the way in, before turning, or meter will jam. This has saved us about \$50 so far-we'd like to share it.

-NEW YORK-

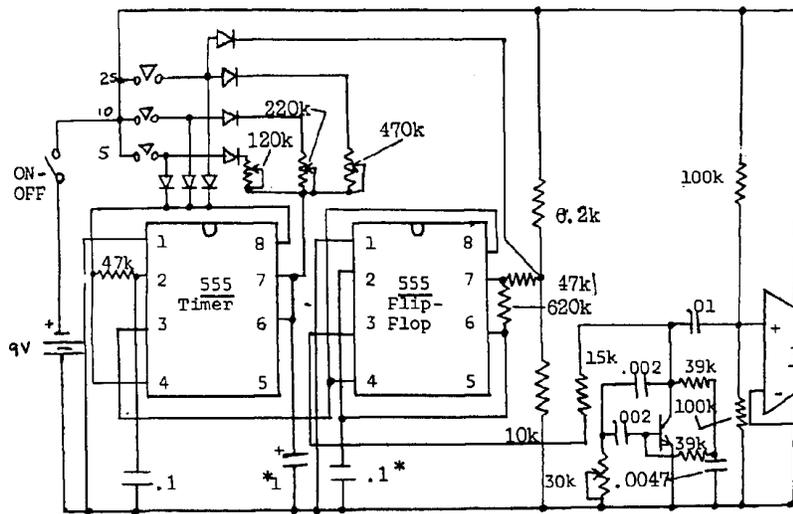
For the names and numbers of war company executives, send a stamp and 25¢ for the Stop the War Phone Book; c/o Thomas Paine, Box 20605, Phila., Pa. 19138... Another way to find who belongs to a particular phone number is to look in Polk's City Directory in your library. #'s are listed numerically followed by name and occupation. ...A amusing book "The Poor Man's James Bond" is \$5 from Hillcrest Publications, Box 395, McDonald, Ohio, 44437 and is a manual of homemade bombs, mace and zip guns. It's the revised version of the "Militant's Formula" Catalog is 25¢, and they're not cool so write a straight-looking letter...Heath Company, Benton Harbor, Mi. will lend you a frequency counter on a 30 day trial basis. You have to have a business letterhead (\$5 per 100 offset) and pay a \$400 advance deposit. Write or stop by nearest dealer for details. They're real nice about it. Say you want to compare theirs with the Hewlett Packard or some other brand.



WRONG



NEW RED BOX!



Circuit operation is similar to Issue 16, but simplified with two IC timers. Leakage has been eliminated. Pushing button supplies power to timer (pin 8&4) which turns on for a short time according to the selected 120k, 220k or 470k resistor. The timer, when on, supplies power from its pin 3 to the flip-flop (pin 4&8), which turns on and off power through the 15k resistor to the oscillator, which in turn feeds signal to the amplifier and earpiece. The flip-flop speed is first set for 25¢ by adjusting the value of the 620k if necessary, then for 5 & 10 (they're the same) with the 6.2k resistor. The 120k, 220k and 470k are rough values for the timer length. They can be 500k miniature pots or resistors. An alternate way to set times is to adjust the value of the * capacitors by paralleling others on it. The 1 mfd. is the timer, and the .1 is the flip-flop. Buttons are normally-open miniature pushbuttons; the on-off switch is necessary & shouldn't be done with diodes in this box. Try a real nickel if booths in your area are hip to red box tones. For more information see issue number 16. Adjust the 30k pot for 2200 Hz tone, or compare to the real thing.

HELP IS NEEDED

We need info. on the following subjects for future articles in TAP.
Automatic Blue Boxes- With info about where they're necessary.
Vending Machines- Locks, getting stuff, etc.
Locks- New code books, picking Medeco, Sargent Keso, tricks, etc.

Radio- Setting up your own station, transmitter schematics and building jammers, info on pirate station legal hassles.
Burglar Alarms- Such as Holmes and other central station alarms, bypassing, electronic keys and picking, etc.
 Also, **Mamets, Overseas Phreaking, and Chemistry.**

Resistors are 1/4watt, 5%. Capacitors are 10 volts or more. * denotes hi-stability. Transistor is 2N2222, Hep 55, or RCA SK3020. Timer is NE555, top view of 8-pin mini-DIP shown. Diodes are 1N914 or any small-signal silicon diode.

Out
 Earpiece
 741 OP AMP-TOP VIEW (Bottom)
 Current Idle-1.5 ma. On-6.5 ma.
 Leakage: None. 30% fewer parts.

Output -7 dBm(.3 volt RMS) at 100 ohms.

Dear People,

I'm glad to see your concern with areas other than phones. In the Nixonoid era we all need to learn all sorts of ways to save and survive. TAP seems sometimes too techno-oriented so I'm glad you're putting out intro courses in electronics.

I've decided to send something to help Abbie although I don't think he is blameless. Yipster Times seems to want to see him in jail but they are sometimes too heavy-handed. Your view convinced me to dig in and find a dollar or 2. Venceremos,

-C-

Note: Please send contributions to Abbie Hoffman & Friends Defense Fund, 640 Broadway, N. Y., N. Y. 10012. The case is about to come to trial and funds are urgently needed. Abbie and his friends need our support; please help.

Dear Sirs,

I **INSIST** that you remove my name from your mailing list. I was unaware that TAP had all these other materials, in addition to what appeared to be some simple useful ideas.

-FLORIDA-

Published for informational purposes only by Youth Hot Line Reports, Inc.

NEW CREDIT CARD PLAN: To combat the fraudulent use of credit cards, a new card numbering plan will be introduced in 1975 by the Bell System. The plan is the result of soaring credit card fraud that began in the late 1960's.

One phase of the plan is that long-distance calls placed with credit cards will be checked for validity by computers. The 1975 credit cards will bear a 10 digit number that will have none of the characteristics of the customer's phone number. When a long-distance call is placed, a validity check of the credit card number will be made by a system of computers.

The checks will vary according to the equipment available to the operators. For example, those on TSPS will have automatic access to the computer. Cordboard operators will query the computer manually. In all cases, the computer will advise the operator if the card number is valid.

Blast Damages Kidnapers Get Van Phone Lines

By ADRIANNE THOMAS
 Denver Post Staff Writer

An explosion under the west end of the W. Colfax Avenue viaduct Monday night severed three main telephone cables and caused minor damage to homes, businesses and cars in the area, police reported.

Detectives Fred Stevenson and Robert Weyand of the police bomb squad said the blast, at 8:50 p.m., was caused by a "high explosive—either plastic or dynamite."

Stevenson said the U.S. Treasury Department's Bureau of Alcohol, Tobacco and Firearms was assisting local police in the investigation.

Debris collected at the scene will be examined in the federal agency's laboratories.

Heaviest damage was to five Mountain Bell telephone cables that enter an underground conduit at the site of the blast.

Jim Kercheville, Colorado public relations manager for Mountain Bell, said three of the lines were severed or torn up and the other two were "nicked."

The explosive apparently was placed directly on the telephone cables, Kercheville said. He said he has no idea on possible motives.

Oakland police were still looking yesterday for a telephone company van stolen Wednesday afternoon by two men who kidnaped and robbed a woman phone booth collector of \$3000 in coin.

Sergeant Ed Subica said Nancy Alesi, 21, had just completed her rounds and was sitting in her Pacific Telephone Co. van in front of 5517 Foothill boulevard at 1:35 p.m. when a man with a gun suddenly appeared beside the van.

She told Subica the man pointed the gun through the window and ordered her to move over. As he got in behind the wheel, she said, a second man entered the van from the passenger side.

With Mrs. Alesi between them, the two drove three blocks to 53th and 11th avenues, where they stopped and the driver got out.

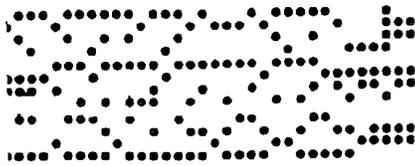
A third man, who was apparently waiting for them there, handed a pair of bolt cutters to the driver, who then got back in the van and drove off again.

They returned to an area near where the holdup began and the driver got out again. This time he cut the

padlocks off the rear doors of the van, grabbed the money inside, then returned to the cab.

They drove to the Oakland Hills, where the two men took an additional \$21 from Mrs. Alesi and ordered her out of the van on Redwood road near Skyline boulevard. They left her there and drove away in the van.

SF CHRONICLE 12/16/73



MARCH 1974

NO. 26

YOU CAN HELP TAP

If you can contribute any information that you think other readers would be interested in, please do so. TAP readers are the main source of our information. You can help by meeting employees of phone and power companies, alarm places, etc., and asking them about questions other people raise in the newsletter. Be sure to get details and maintain contact in case you have additional questions. Most employees of those companies would be glad to screw their boss and they'd probably be interested in TAP, too. We hope that a lot of you will gather information so we know what the scene is around the country and Canada.

We also need info on the following:

Automatic Blue Boxes-With info about where they're necessary.

Vending Machines-Locks, getting stuff, etc.

Locks- New code books, picking Medeco, Sargent Keso, tricks, etc.

Radio- Setting up your own Station, Schematics, legal stuff, jammers, etc.

Burglar Alarms-Holmes and other central station alarms, bypassing, electronic keys and picking, etc.

Also, Magnets, Overseas Phreaking, and Chemistry.

Pay Phones- How they work, operator's consoles and procedures, bypassing, using boxes on, coin relay info, etc. We need a digital genius to develop a 74161 programmable divider circuit that needs work. Can someone do it?

Are you interested in building projects in TAP but afraid that you don't have the know-how? If so, you should know that our Electronics Correspondence courses are designed to give you a fast introduction to electricity and to get you started building projects. We're trying to put out 6 courses that will allow beginners to build any project in TAP by the time they're done reading them and doing the experiments. Four courses are ready now and they're 50¢ each (free if you can't afford it). The newest one is Amplifiers, Course D. Also A, Basic Electricity, B, Alternating Current, and C-Basic Phone Operation.

Dear TAP,
Union Oil Co. is reportedly salting away gasoline in its dead service stations. Next time you find such an ostensibly folded station, it wouldn't hurt to see if the storage tanks are really empty (Union may not be alone in the use of the tactic); if there's gas there, feel free to indulge in the "spirit of '76".

-CALIFORNIA-

Dear TAP,
I have heard a rumor that operators in Boston have been giving only minor hassles to C. C. callers, the usual ploy

being a question as to whether the caller is using the 1974 number or last years. This has proven to scare off only the most nervous of customers.

-MASSACHUSETTS-

The Benevolent Association of Relentless Exhibitionists association with the American Streaking Society, better known as B. A. R. E. A. S. S., announced in Daytona Beach Florida that the world's first streaking championship will take place on the world's most famous beach during the Easter Holidays. Champion streakers from all over the U. S. A. are expected to compete as well as a large contingent of foreign competitors. For further information write General Delivery, Peninsula Station, Daytona Beach, Fla. 32018. . . BIT in London publishes the best guide around to going to or through any country-\$6.00 airmail and it's called Overland through Africa. Has methods and tips for getting through cheaply. They also publish stuff that you should see if you're heading to Europe. Write BIT, 148 Great Western Rd., London W11 (tel. 012298219 alias KP0441229 8219 ST). Send Int'l Money orders only, no checks please. . . N. J. Bell is replacing glass phone booths with Kayrex, a rigid vinyl, as part of their Coin Patrol program (Quack!). Doors are being removed from booths and they'll convert all the phones to single-slotters by 1976. Finally, they're installing curved pieces of sheet metal at the appropriate level inside the booths so that liquids directed at the sides of the booth are deflected to the customer's feet. . . Paranoid? Aren't we all RESIST, 763 Massachusetts Ave. #4, Cambridge, Mass. 02139 publishes a Movement Security Kit which tells what to do to keep your cool with police, agents and grand juries and even has some true stories about a few sicko agent-types who give radicals a bad name. Send a stamped, self-addressed 8x11 envelope and \$1 to them. . . This month TAP salutes Detroit, Michigan, home of the unemployed big car workers and the pollution-causing companies that had the foresight to build 10 mile-per-gallon cars for the last decade. General Motors (556 4651 083S) helped make this country what it is today. And with April 15 coming up, the IRS (226 7220083X) and (226 7340 083Z) and (226 7727 083Q) is looking forward to spending your dollars in freedom-loving enterprises around the world. Detroit is area code 313.

Dear TAP,

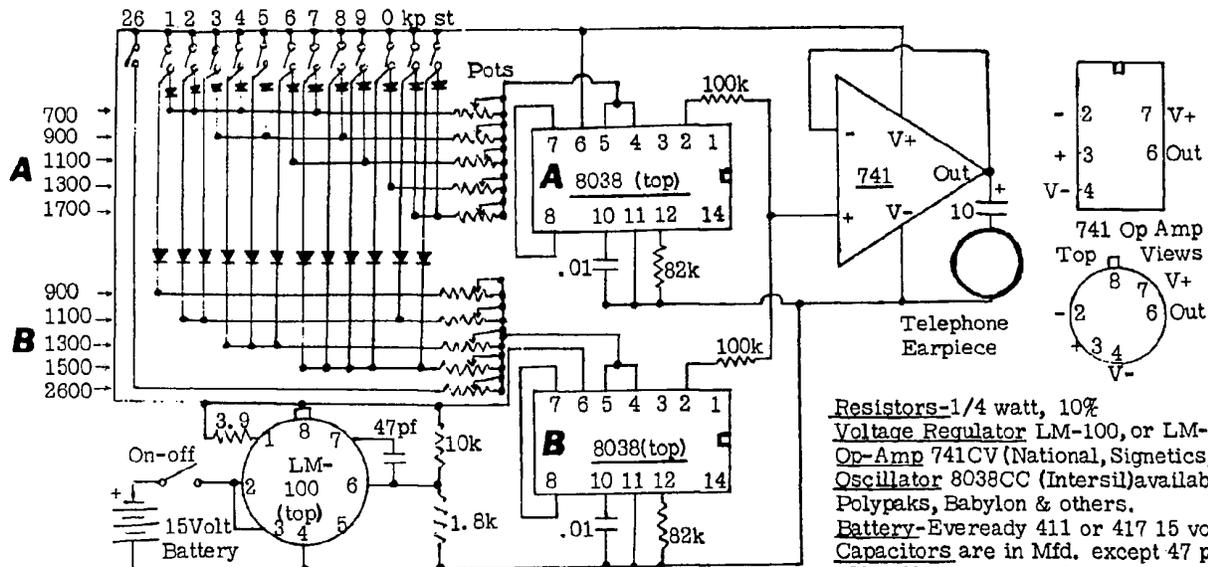
There is a type of sandwich machine, with 13 tiers of 10 compartments, which cycle past a column of sliding doors in chain fashion at the push of a button. Cycle the sandwich you want to the door for that tier, pay your money, and take your chances. If, instead of sliding the door to the right, one slides it up against the track, pries the bottom of the door slightly outward via the crack at the bottom, & then pulls the door down and slightly outward, enough space is left at the top to squeeze a sandwich past (or maybe more than one); no deposit, no return. Don't do this; some gluttonous fool may observe your technique, empty the machine and inflict a serious case of indigestion upon themselves. It is considered lacking in style to cave in the front panel of this (or any vendor) with a hammer, or to remove it with a glass cutter (or chemicals, in the case of plastic panels).

When the man comes to refill the vending machines, and leaves his keys in the lock with his back turned, do not take the key ring away; this will get him in trouble.

-CALIFORNIA-

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Movement groups may reprint with TAP's address, and please send us copy of reprinted work.

NEW BLUE BOX!



For more info see Issues 7, 12, 13 and 14 (Tuning and Using Box)

- Resistors-1/4 watt, 10%
- Voltage Regulator LM-100, or LM-300
- Op-Amp 741CV (National, Signetics, etc.)
- Oscillator 8038CC (Intersil) available from Polypaks, Babylon & others.
- Battery-Eveready 411 or 417 15 volt.
- Capacitors are in Mfd. except 47 pf.
- .01 mfd. caps are polystyrene or mylar.
- All capacitors are 15 volts or greater.
- Diodes-small-signal matched germanium, or silicon.
- Pots- 25k, 10 or 20 turn trimmers

The new Intersil 8038CC Function Generator forms the basis of the Multifrequency generator. By varying an external resistor we change the frequency of the 8038. Unlike the phase-shift oscillators in Issue 12, however, the distortion remains at a low 1%, and the circuit requires only two oscillators instead of 7. The diodes route +10 volts to different pots for the different tones. As in Issue 12 a diode matrix can be built with two pieces of perf-board forming a diode sandwich, but the new circuit requires 12 lines on one side and 9 on the other. 2600 is a single tone and needs no diode.

The pots are small 20 turn (or 10 turn) trimmers. They can be obtained surplus for under \$1 each. If you use single turn pots your resolution will be too small to precisely calibrate the box, and a small vibration may upset the tuning. Single-turn pots can only be used if a series resistor makes up most of the needed resistance and the pot trims in the difference, but that requires 10 more resistors and time spent determining their value.

The 8038 Box draws 20 ma., so keep the switch off when possible. The smallest 15 volt batteries will work but not for too long. A regulated supply is needed, and the LM-100 or 300 works fine. The hookup shown supplies 10 volts to the circuit. The on-off switch should not be replaced with diodes in this box for maximum stability.

Tuning is super-easy because the 8038's plug into IC sockets (don't build it without sockets!) and by inserting 1 8038, you can calibrate single tones easily. To tune 700, for example, plug in Oscillator A only and press button # 1 (or 2, 4, or 7) and tune the 700 pot to 700 using a counter, or an accurate signal generator by "beating" method. 900 is tuned while pressing 3, 5, or 8. When you're done with all 5 tones on one oscillator, switch the oscillator to the B socket and tune the other 5 pots. Then install both 8038's and let your fingers do the walking!

LAB NOTES

We didn't think we'd need the regulator at first but the frequency doesn't hold with supply changes as well as it's supposed to. Also, 10 volts is the minimum operating voltage and so is the lowest current drain. Since the battery wears down, it's nice to have a time margin before the supply voltage drops. Germanium diodes are used to minimize differences in voltage drop. Only diodes that feed the same pot need be matched to each other.

The 82k resistor is supposed to be 81k for minimum dis-

tortion but it's unnecessary here. Acoustic coupling induces more than 10% distortion alone. The best coupling is realized with a telephone earpiece. To use an 8 ohm speaker you need a 500-8 ohm transformer which isn't worth it in our opinion. Earpieces can be dissected if you're size con-

sious.

We're especially proud of the amplifier circuitry, or to be more accurate, the lack of it. Since the 8038's sine wave output is referenced to V+/2, we use the outputs to bias the op amp to 5 volts, so the 100k mixing resistors end up killing two birds with one stone. And unity gain yields 3 less parts and a beautiful +2dBm at the phone set terminals with tight acoustic coupling to the mouthpiece. That's the same level (for a single tone) as a Touch-Tone phone signal! Felicitas est canis parvus calidus, Bell Labs!

Thanks to all of you who helped us by sending in your ideas for this box.

Dear TAP,
I've been using this method for acquiring IDs; you've probably heard of it, but what the hell. Most university libraries have local papers on microfilm. Pick the year you want to say you were born and find a child who died shortly after birth; usually the approximate age at death is given. Go back to the birth notices and find the child's date of birth & parents name. Birth certificates and death certificates aren't cross-referenced (at least where I've done this), and the records office will give you a copy for a few bucks. Then you get genuine driver's license, etc. If you haven't been fingerprinted it's undetectable.

The advantage of using such a young child is that they have no records, prints, etc. The advantages of using a deceased person are obvious.

Not all papers bother with obituaries for such young people. Sometimes fires, traffic accidents, etc. provide the info. If not, you can just work off birth notices. This way, though, you could wind up assuming the ID of someone with a warrant out on them (You could probably get the info. off of tombstones, also). One thing I've been wondering about is getting a passport with one of these IDs. I hear that if you go to one of the main offices & pay an extra fee, your passport will be processed while you wait. Do you know, or your readers know, how thorough a check is made? I'm wondering if they make an extra check for a death certificate. If not, Jesus....

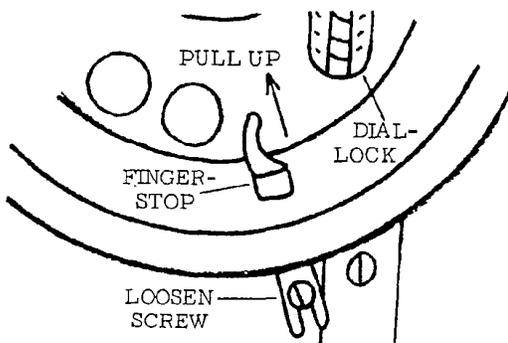
-RHODE ISLAND-

Dear TAP,
 Free Envelopes! The Banks in Penn and Grand Central Stations in NY and in many other cities (like Boston) have free envelopes for depositors who use a Bank Charge card. Inserting the credit card-sized Bank card into a slot in a panel pops out an envelope. The latches are purely mechanical and any credit card will yield an envelope. These machines are found wherever banks have remotely located deposit booths, preferably unmanned.

-H. GORDON LIDDY-

Dear TAP,
 Con Ed issues two "FINAL" notices of service suspension. The blue one is the first. Ignore the shutoff date. The red notice is the real one. When the blue one arrives, phreaks have been known to write to Con Ed, claiming that they'll be moving into the apartment & wish to have Con Ed service turned on in their name. A deposit is likely to be extorted. However, service is to be billed to a phoney person. The blue shutoff notice is voided as Con Ed switches service to the new resident. Except for the deposit, the phreak refuses to pay any more. So, a blue notice eventually comes. The phreak then uses a new name & has service "started" for the new resident. Except for the deposit, no more money is paid. When the blue notice arrives, a new resident moves in...

Telephone dial locks have been circumvented by 1) Unscrewing the two screws on the bottom of the phone and removing the case, 2) Loosening the screw that holds the finger-stop (see diagram below) and 3) Dialing numbers by stopping at the point where the finger-stop used to be before you removed it. This is easier than tapping out the number on the switchhook (And less obvious than just bending the finger-stop out of the way with pliers).



Blue Boxing: 800 and long-distance information present some dangers when boxing since these are recorded or supervised. Are you overlooking the obvious? That is, dialing a nearby area code which is a toll line (eg. in N. Y. calls to 914, 201 and 516 from 212 do not count as toll calls and can't be 2600'd. Parts of 203 (Conn.) can be offed. Get a phone book to find out the nearest beepable exchange. Thus, although giving PA BELL some cash, it is completely foolproof, since we're only billed to the nearby toll number and not the final destination. (This method still has dangers if used from a home phone. Using it from a pay phone is much safer, and with a red box, cheaper!)

Sunday N. Y. Times "Travel & Resorts" section has pages of ads for Florida hotels with 800 numbers- in case you need them (And WATS information is 800-555-1212).

Chemistry- Would-be amateur underground chemists should exercise extreme caution in ordering chemicals & reagents, which although legal to possess, bring down Fed. or local investigations. Example-A friend ordered ordered a chemical described in an underground manual as the last step in synthesizing mescaline. He had it sent to a valid & official laboratory address, but had no explanation for why he ordered it. Always have an excuse or non-traceable address. He was busted for "synthesizing a controlled drug".

-NEW YORK-

Dear TAP,
 Having worked a few years in the coin machine industry I think I can give much valuable information on certain types of vending machines. The easiest type of machine to hit is the pinball game. The front door of those machines can be easily popped open and the cash box removed. Surprisingly- quite often enough it is unnecessary to pop it open. Any straight-looking dude can buy keys from Wurlitzer. These keys will open the majority of machines in the N. Y. area. To purchase these keys it is necessary to ask by number. The following keys are for games: 1093, 1150, 1155, 1350, 2255, 1234. These keys will open almost all pool table drawers which will enable you to play for free. Pool table quite often have an alarm on them which consists of a bell battery and a switch so observe carefully when you open them. Pool table cash boxes are usually master locks and are a job to break open. Juke boxes also use a master lock to lock up cash but contain records which can be easily removed. The proper keys for jukeboxes can be obtained on 10th Ave. The majority of coin machine companies are between 40 and 44 st. The only other is Wurlitzer at 1161 Rogers Ave. Juke Box keys are broken down by Corp. #'s: Wurlitzer: RW 95, RW 100, RW105, RW 110. Seeburg: 264, 278, 314, 336, 340, 291, 293, 205 AME: C70A, C256, RI303 Rock-Ola: 486, 592, 593

Juke Boxes are never alarmed and in the newer ones the amplifier and other digital parts are well worth it. The only other machine worth breaking into are the TV games. Steal both the TV and the circuit board. Any friend who knows TV will be able to restore the TV to operating condition and the circuit board has dozens of useful ICs (7400). Try the following keys in the back doors: 8013 and 8114 from Wurlitzer plus the game keys listed above. Cigarette machines have individual keys and are often alarmed. Try a Rowe 87 Key (Ace) available from Simon on 10th Ave. That's about all I can tell you.

-NEW YORK-

Dear TAP,
 Thought I'd write and tell the rest of Phreakdom about a technique for tapping neighbor's phone lines that I used to use, for whatever it's worth. The problem with a direct tap is that sooner or later, some phone company type is going to come and check the line. To make it undetectable:

We are going to use the 2 spare wires of the 4-wire cable running to your phone (usually yellow & black). First locate your cable and the tappee's cable in the main box for your apartment. (A phone with clip leads will help). Then trim to length and strip the ends of the 2 wires. They should be just long enough to reach the terminals of the other phone with NO slack. The wires should then be attached to the terminals just loose enough so that they pull off easily. Straighten and strip some of the other cables' yellow and black wires too so that your's won't look different later. Then run a big wire (12 gauge house wire is fine) under your wires as shown. Close the box lid as tight as possible and twist the wire ends together as shown. Now when the box is opened the wires will be ripped loose. The Foneperson will not cut the outside wire before opening it up because the whole thing might fall apart. With a DPDT toggle switch (and line relays, recorders, etc.) you may now freely use the line. A BB will be safe and cause no charge to the other party's line-Ed.

I built the Red Box from your last issue and like it. The two diodes feeding the 500K pots for 5¢ and 10¢ aren't needed. I'm also doing research on bank machines and "money cards". If I can crack their code on the cards and rewrite them it could be good for \$1000 a day. I will appreciate any help on this (bank employees could really help).

-INDIANA-

NOVEMBER 1974



UP FROM THE PITS!

Yes, after 6 months in the pits we're back! Our unannounced vacation took place for several reasons the main one being a shortage of help and a surplus of work. By now we have sold alot of back issues & the income has helped to put us solidly in the black.

We will try to come out fairly regularly from now on, but this depends also on reader contributions & printing costs. We are also planning a 1975 Convention and need ideas for the convention from everyone. Possibly contests and exhibits and such. Please write to us if you've got suggestions.

In addition, we will be having technical seminars as always. If you are well-versed in any phase of prebreaking covered in TAP or otherwise, please get in touch with us to teach at the convention.

Dear TAP,

Checking the guide to Subversive Organizations and Publications (House document 398) I noticed the absence of TAP or YIPL-Then I noticed the date was 1961. Did you make the new list?

Anyway, tell your readers that it's illegal to remove the dialing instruction plate on payphones (below dial) if they were planning on using a high carbon bit on a hand drill to drill a hole exactly 2 3/4" to the right and 5/8" down.

Not only is it illegal, but if someone were to accidentally poke the end of a paperclip through the hole, it would do all sorts of terrible things like releasing all the money they had just put in to make a long distance call, preventing them from supporting the wonderful phone company. (Note- drill will cut through cast iron case, though not steel lock or coin box.)

-NEW YORK-

-And the dialing instruction plate could be put back in, obscuring the hole and allowing nefarious individuals to continue their plundering-TAP.

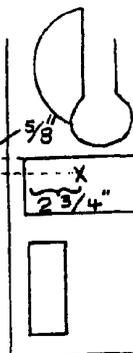
Dear TAP,

On a recent trip to Paris I was able to make free calls to any point in the U. S. (except Hawaii) and Europe from a special yellow public telephone booth situated all over Paris called "Interurbain". The only catch was that the called party had to be muted otherwise a loud tone makes conversation impossible. As you know, the mute prevents supervision, on overseas trunks this is accomplished by sending 2400 Hz to the calling party C. O., indicating that the called party has answered. It is the lack of the 2400 Hz tone which prevents the loud blocking tone from coming on the Paris phone.

Wait for dial tone, dial 19, wait for a second dial tone, then dial 1 + area code + number. I tried to off a 800 or 555 number, but you can't dial them nor off any number for that matter with an SF. I'm

not sure, but you might be able to do this from other European cities. I believe that the black box is international, since most European telephone systems are still step or crossbar.

-NEW YORK-



NEW BLUE BOX INFO

We've gotten feedback on the New Blue Box Circuit (Issue 26). One problem of the circuit is that all the diodes for one frequency must be matched. The Motorola Silicon dual diode MSD 6150 (common anode) saves PC board space and is a matched pair. 25¢ each in 100 quantity. If regular diodes are to be used, use only silicon. Though we said germanium diodes are ok, they usually have too much leakage current and the pots will cross-affect each other.

In fact, you can eliminate the hassle and matching of diodes altogether by using double-pole push-buttons. Polypaks sells a \$6.88 General Telephone Data entry keyboard with 10 buttons. You'll need 2 more DPST and a SPST for 2600, but you'll save money on diodes. The same 10 trimpots are used. And keep the wiring to the pots and switches good and secure electrically. A loose connection is a changing frequency. We also have an unchecked report that eliminating diodes with double pole switches makes the regulator unnecessary.

Dear TAP,

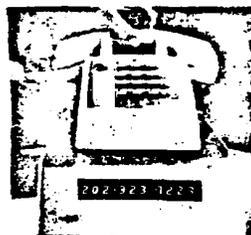
As for picking Medeco and Keso locks you can forget it. Medeco is a sidebar type of lock like the Briggs and Stratton locks G. M. uses in their cars. Locksmiths usually use codes for auto locks as they can't pick them. A more efficient method for vending machines would be to use an awl & 5 lb. hammer to make a hole in the sheet metal of the cabinet and then a nibbling tool (for electronic construction) to enlarge the hole enough to reach in and disengage the lock cylinder from the locking bolts. The nibbler can be bought at Lafayette or Radio Shack but may not cut through all thicknesses of machine doors.

-COLORADO-

Dear TAP,

According to the N. E. T. news line, you people are breaking the state law of Mass. when you published the 1975 Credit Card Code. Upon conviction you can be fined \$2000 and get a year in the slammer. When I heard this I called the head of Security in Boston with a phoney c. c. number and told him what I was doing. Then I asked him what he was going to do about it. Was he ever pissed off. Yours in conspiracy-

Stainless Steel Rat



Device catches obscene callers and other phone criminals

A new system from Telident Inc. connects to any telephone and displays the incoming caller's number. Its purpose is to help catch obscene and other objectionable phone callers. The caller's number and exchange remain visible throughout the call; this pinpoints any phone being used for the obscene call, whether it's a private or pay phone. The maker says the system will also discourage those making bomb threats or ransom demands, if you are bothered with these problems.

Contact Telident, Inc., 304 S. Broadway, Los Angeles for information.

cinema Digest

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Movement groups may reprint with TAP's address, and please send us a copy of reprinted work.

ZUKUNFTS-TECHNIKEN

Funktion – Anwendung – Folgen
Mißbrauch und alternative Chancen

von Achim Schwarze

Der Grüne Zweig 94

Die Zukunft rollt auf breiter Front an. Zukunftstechniken sind die Schrittmacher der Veränderung unseres Lebensraumes und unserer Kultur.

Alle keine Ahnung!

„Computer, Datennetze, Rechenzentren, Roboter, Gentechnik: natürlich existieren die. Wie sie funktionieren? Keine Ahnung. Will ich auch gar nicht wissen! Ich bin sowieso dagegen.“ So leicht kann man es sich machen.

Die Zukunft rollt trotzdem an.

In ihrer glitzernden fach-chinesischen Karosserie. Und keiner von uns Ignoranten kann sie bremsen oder gar lenken! Die Zukunftstechniken werden eingesetzt und krepeln unser Leben um. Wir bleiben die stolzen Eingeborenen, die sich sicher sind, daß ihre Kamele die Lastwagen des weißen Mannes überleben werden. Und sich dabei ganz gehörig täuschen.

Wissen ist Macht.

Wer nicht durchblickt, kann sich nicht zur Wehr setzen oder mitbestimmen. Wer die Zukunft mitgestalten will, muß informiert sein.

Aber Computer: das versteh ich nie!

Bequemer geht es wirklich nicht! Aber diese Ausrede gilt nicht mehr: denn „ZUKUNFTS-TECHNIKEN“ von Achim Schwarze führt im Schongang in die Geheimnisse modernster Technologie ein. Vorwissen braucht man nicht mitzubringen.

Zukunftstechniken sind flexibel.

Wie der Geist aus der Flasche dienen sie jedem Herrn. Vorausgesetzt, er kennt die Schlüsselworte. Warum soll man das eigentlich immer denen überlassen, die ohnehin schon über soviel Macht verfügen und unseren Lebensraum nur selten im Sinne seiner Bewohner gestalten? Lernen wir doch einfach selbst die magischen Worte.

Alles halb so kompliziert!

Wer die wenigen Konzepte vor allem der Datentechnik einmal verstanden hat, kann sich das meiste von allein erdenken. Wo sie eingesetzt werden, wem das nützt und was man anders machen könnte.

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Hrsg. Werner Pieper & Konrad Vetz

ZUKUNFTSPERSPEKTIVEN

MORGEN KINDER WIRDS WAS GEBEN

Der Grüne Zweig 88

Nehmen wir einmal an, es kommt nicht zum großen Knall. Mit was können, müssen, dürfen und wollen wir da rechnen? Schon einmal konkrete Gedanken gemacht?

In diesem Buch gibt es eine geballte Ladung davon. Einige der Autoren: Antonietta Lilly, Hans Custo, Peter Mandel, Buckminster Fuller + Paul C. Martin, Achmed Khammas, Cillie Rentmeister, Tim Leary, Gertrud Wild, Wolfgang Neuss, Eugen Pletsch.

Die Themen: Interspezies-Kommunikation, Raumstationen, Bio Chips, Ersatzteilmforschung für den Menschen + Video Spiele + Energie Zauberer + der 100. Affe + Visualisierung innerer Räume + Behinderten Hilfe + u. sehr v. a. m. Viele Fakten, wenig Fiction.

Perspektiven und Konzepte. Erklärungen der wichtigen ‚neuen‘ Begriffe und Worte.

Ein sanftes Verschwörungsbuch mit Möglichkeiten für das Leben in der Zeitenwende.

Global 2001.

Gestaltung: Horst Turner

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John C. Lilly
DER SCIENTIST
Der Grüne Zweig 91



John C. Lilly ist einer der aufregendsten Forschertypen unserer Zeit. Er machte die Landkarten des Gehirns sichtbar, entwickelte den Isolationstank, arbeitet seit 30 Jahren mit Delphinen, unterzog sich intensiver Drogenversuche und ist seit ein paar Jahren mit seiner Frau Toni zusammen. Hier beschreibt er spannend, wie er vom –fast–normalen Wissenschaftler zu einer herausragenden Persönlichkeit wurde. Sein Leben in seinen Worten. Auf Wunsch des Autors übersetzt von Werner Pieper.

„Dr. John Lilly ist ein Einmann-Kompendium der westlichen Zivilisation.“ (New York Times)

„Lilly hat eine Vision – was Wissenschaft sein kann, wenn sie nur die kraftvolle Methode mit der wirklichen Offenheit zu allen Dimensionen der Realität verbindet.“ (Psychology Today)

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