

TAP DA.

Destructory Assistance has a new list of subjects out, which you can find out about by sending us info on that or another subject. If you don't have info to trade, don't worry, we edit and condense the material and put it in TAP. To trade info with DA, just send us a stamped, self-addressed envelope large enough to hold the info you want, which we'll try to find for you. Wait a couple of weeks for us to dig the stuff out of our files. We've got different schematics for blue and black boxes, articles on bugs, a copy of the Bell memo on tandem stacking, newspaper articles on phone phreaks, Free electric and gas meters, and lots more. This is TAP's major source of info so Our list of subjects is free please help us out. with an envelope as above. And if computers is your thing, write to HEAD CRASH- DA's computer password and information exchange to trade info.

And if you're a computer novice, write for Head Crash's new Beginner's Course on Computers (50¢). More Head Crash Courses will be available soon.

Back Issues are 509 each, Subscriptions - 10 usues - US Bulk rate \$5. Subscriptions - 12 .ssues - US Bulk rate US First Class in plain sealed envelope Canada & Mexico Pirst Class \$7. Freign \$8.

IMPORTAIT! Include mailing label or Xerrx copy
when writing to TAP about your substription.

Bits - Monopoly \$1, 20.

Bits - Monopoly \$1, 20.

Bestrong Courses - 500 each A - DC Basics,

B - AC Basics, C - Phone Basics, D - Amplifiers,

TAP T-shirts \$4. Specify sire: Small, Med., Large, X-Large,

Send 101 check or money order (No Cash) to

TAP, Room 418, 152 West 42 Street, New York, N.Y. 10000

Table is a small done note. This is a mail drop paly.

OFFICE: 1291 Broadway, Room 608, New York, N. Y. 10001

HOURS: WEDNESDAY, 5 - 9 pm.

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!

HELP IS NEEDED

We need more information on the following topics for upcoming articles in TAP.

Toll Fraud Detectors and Detection Methods, and especially Black Box detectors (Hekiman Labs). We already have Teltronics info.

Getting Free Gas and Electricity -IMPORTANTif you know anything about it please write in quick! Magnets-We'd like to know all esoteric uses for magnets that you know of.

DEFENSE FUND

Please send whatever you can afford to prevent Abbie and his friends from being sent to jail for life (no parole for 15 Years), because cocaine is classified as heroin (though it is non-addictive and shunned by junkies). Send your support to Abbie Hoffman & Friends Legal Defense, 640 Broadway N. Y., N. Y. 10012. Please don't send cash. Thanks.

HIThis may end some of the condusion about the number to call which gives you a computer-generated voice selling you your phose number. In NYC there are 4 numbers-They are 730, 840, 958, 880. One will always worklexcept in a few C. 0, 91 The numbers rotate each month. Other bores may lead or lag 1 month. List is for 1973 but 1 think it will be same next year.

TAD-

TAP—You might tell Delibus Phreaks in NYC that there are three different 3-dight 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 569, 311, and 221. If N. Y. C. teleptone subscribers have suspected that the number of "additional message units" they're being charged for on their monthly bill is too high, it's protokaly true. I got it on good authority is former operator! that NY Tel routinely overcharges of the control of the state of the control of the cont

The skullduggery is being some.

H. R. HoldstoneDear TAP.
There existed among the gany back in Vanquiver some very sick minds who delighted in setting various pares of the state of the

We have some inexpensive instructional plan sheets for the display models featured at the Convention. The 2500 whistle perfector is a 2500 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 Dail Tone Oscillator is a circuit for demonstrating signalling tones, and can even be uged as a simple blue box. The sheets are 15'c each(free if you can't afford 10. We also have copies of the Convention schedule(free). also have copies of the Convention schedule(free), including Cap'n Crunch's and Joe Engressia's *'s.



Dear TAP, When using a blue box to call any country which is on the IDDD last, if it has a 2-dight country code you can use off the sace from in front of the country code cone you have obtained a registerite, -KF6122074 ST instead of KF06122791. It will be resented as a customer-dialed call, which means you won't be able to reach the inward or other operators. If it is a 3-dight country code then it will be automatically treated as a customer-dialed call unless you use a appealar 'Operator country code" which starts with 0 & has no relation to the regular C. C.

The Destinators Assistances. Dear TAP,

TO Destructory Assistance—
TO Destructory Assistance—
Two IOTC accessable areas are 202 and 713. Any WATS number such as 800-392-XCXCx re 500-424-XXCX to tease areas will work. Also 800-447-XXCX to these areas will work. Also 800-447-XXCX to the mean you can box KP 011 country code ST and you'll be subtomatically related to the control of the such as a such as the such as the

SW, TEXASNOTE: You can reach a Moscow Test Center by using overseas senser KPJ88ST, (although it's supposed to be served by NY, 1830 or 1070 KPJ10175T, then KPJ70 05508ST, when the trunk chirps play KPJ18ST, A Moscow test board will answer. They often speak some foriegn languages (Including some poor English), Also, try Israel, 972, or just 72, Here are some cities: 2-Jerusalem 55-98578-Tul Karem 65-23854-Cenin 3-Tel Aviv 5-85-8373-488bis 2-97-Bebron 4-Balta 59-Elat 2-982010-Auja 65-Ahla, Nazareth

Dear TAP,
Did you know the restricted line feature of many Centrex installations can be bypassed? One may usually call outside by dialing § for an external disk 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 § 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 mamber even though you've been dialing the area code. Then you ask her to try the number fory you, billing it to a credit card or the centrex line. This info should be very useful.

-IA, NY-

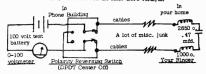
be very useful.

-IA, NY
Dear TAP,
TOIl restrictors are usually used at motels that have direct dial cut 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 daily your own local mumber. Somethat comission of the local motels of the process of the local proceed to daily you would be somethat to comissy on the line but these are rare and on most types, the operator comes on the line and makes your call. The toil restrictor will not allow you to dial "!" 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 excells found in the part of the first to did the control of the did to the second did the sec

Dear TAP.

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

The resistance of the ringers is not the factor measured when friendly sets board "bridgers" your line. The circuittsasically/rhat they use is as follows:
You will recognize the circuit as a simple ohumeter, 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



OPOT Center Off

open. Now the important part, the reversing switch. The
testboardman flips it back and forth and the bounce of the
meterflock an optimizer of the meterflock and optimizer of the meterflock and poul is seen to same effect plets him
entered the flow optimizer of the control of the control optimizer of the

HOW WE CATCH RED BOXERS

by Milton Moritz, United Telephone System

by Million Moritz. United Telephone System

I personally view the red box as a much less dangerous tiem to as 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. Clider 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 sliphtly 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 tr but a station against the money collected. When a pay station starts going 'short' will meadistily check to see if this is electromechanically the compares the office of the size of

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 as 456/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 YILLERO YOUNG TO OUR SECOND TO THE ATTOM TO THE TO THE ATTOM TO THE ATTOM TO THE ATTOM TO THE ATTOM TO THE ATTOM

Dear Persons, Under the bank Security Act, passed several years official turn outside the character and 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. copies can be inspected on demand by Treasury Dept-agents, without any warrants whatsoever. When the Fed snoops get around to harrassing radical liber-minans/individualist anarchists) then fill be under strong possibility that Big Brother is watching my financial transactions. Until then, however, I'm not going to give them a bead start over a miniscule 50/ check to YIFL (I'm not saying 'I don't care until it hits me'). ACLU, Proximire and others are flighting be Act, bu Chairman Patuma of the House banking committe is for it and "EE, NY-NOTE: TAP suggests readers send money orders, which need not contain your real name or address,

Ma Bell's Ripoff Warning

Pacific Telephone Co., displeased over the grow-ing gamesmanship of its ers who deliberate ly won't put postage stamps on envelopes used to pay their bills, took stern steps yesterday to stop "the eight-cent rip-

The company started yes-terday making warnings to all of its six million custo-mors, telling them to stop the illegal practice — or Ma Bell wen't accept their mail.

About 23 per cent of the eustomers — about 135,000 per month — have been looving the stamps off

In addition, a phone company qualcoman soid, the serrent contensors could face Post Office fines of up to \$300 for falling is put stamps on mail "with the intent to avoid payment of lawful pos-

The phone company estimates the practice - grow-ing in popularity in recent nths - could cost the tele phone company here about \$148,000 this year to make ood on "postage due" en-slapes it receives. The stiff price of the no-

stamp game, company peo-ple 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": Here's

- . The Post Office.acting on a phone company com-plaint, will now intercept ali 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 han-ding and the sender will ding and the sender will have to pay another eight cents for a new stamp to mail his bill
- · If there is no return address, the Post Office will open the envelope in an ef-fort to locate the sender, and, if it can't, postal offi-cials will destroy the checks or money orders or return them to issuing agencies to atop payment on them.
- . If the payment is in cash and there is no return address, the Post Office will eventually turn the m over to its general fund

tused to pay claims on In-sured mail).

Phone company officials said yeslerday that in where the Post Office intercepts mail and is unable to find the sender, the customers will be considered delin-

quent 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

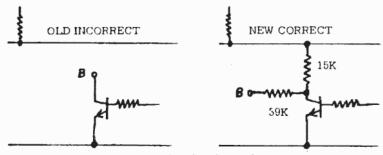
'In the second place, we believe our warning will solve the problem."

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

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

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

CORRECTION



One more correction to the Displayed Red Box sheet.

BEGINNERS ONLY!

You can now learn about Electronics easily and 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 that we make the above your head because are 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°C, and free if you can't

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 Corporations1 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

Published for informational purposes only by the Technological American Party.

-P, ARIZONA-



TAP, ROOM 418, 152 W. 42 ST., N.Y. N.Y. 10036