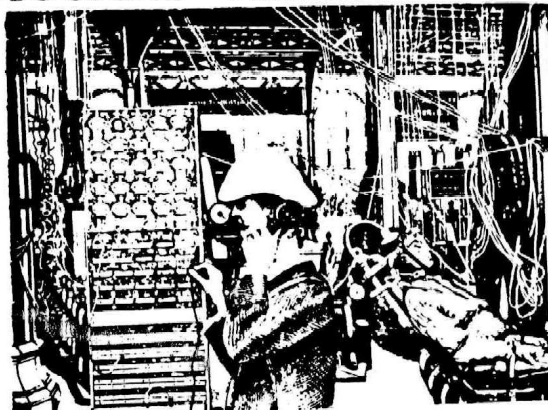




no. 21



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.

**NEW RATES !!**

Back Issues are 50¢ each.  
 Subscriptions - 10 issues - US Bulk rate \$5.  
 US First Class in plain sealed envelope \$7.  
 Canada & Mexico First Class \$7.  
 Foreign \$8.  
 IMPORTANT! Include mailing label or Xerox copy when writing to TAP about your subscription.  
 Bulk - Monopoly \$1.20.  
 Electronic Courses - 50¢ each A - DC Basics, B - AC Basics, C - Phone Basics, D - Amplifiers.  
 TAP T-shirts \$4. Specify size: Small, Med., Large, X-Large.  
 Send only check or money order (No Cash) to TAP, Room 418, 152 West 42 Street, New York, N.Y. 10036  
 This is a mail drop only.  
 OFFICE: 1201 Broadway, Room 608, New York, N.Y. 10021  
 HOURS: WEDNESDAY, 5 - 9 pm.

**HELP IS NEEDED**

Please send all available information relating to the subjects listed below for an upcoming article:

Toll Fraud Detectors- especially Black Box detectors (one made by Hekiman Laboratories, 2351 Shady Grove Rd., Rockville, Md. 20850.) We have all Teletronics literature.

Free Electricity and Gas-include pictures of the meters and feed lines in your area and methods used.

Directory of Alternative Society Projects 1973. 250 pages packed with information, free schools, communes, alternative technology, etc. plus freakier schemes like fucking schools, how to make 25,000 pounds growing dope & how to abolish the money system. Order through your library or for £1 from BIT information & help service, 146 Great Western Rd., London W. 11 (tel. KP182ST, KP0442298219ST) The Underground Press Syndicate member list is available free (self-addressed, stamped envelope) from UPS, Box 26, Village Sta., NY, NY 10014. (212 242-3888). The Best way to keep up with what YIP is doing is to subscribe (\$3 or free if broke) to YIPSTER TIMES, Box 384, Staten Island, NY 10302 (212-477-6243).

**DEFENSE FUND**

As you probably have heard, Abbie's been busted 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.

# 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 80 and 120 interruptions per minute. Another played interesting things you could 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 2800 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 carb 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 2800 cycle whistle detector is actually a toll-free detector since it activates upon hearing 2800. 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 2800 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-ADAPTESSED 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 Optical 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, call us!

TWO DIMES IS TOO MUCH



## 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 fraud, act of vandalism, or any crime involving Rochester Tel property is discovered call Security 921-2353" but'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.

- Out Magazine has an article on phreaking (August), including Elus Box freeps, 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 each 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 tone dial 1 thru 0. If correct "beep-beep" will follow. Press 6 or 7, switchback 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 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. NTNS, 204 W. 10, NYC 10014

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 tick the Rocking 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.

## CORRECTION

CHANGE THIS



TO THIS



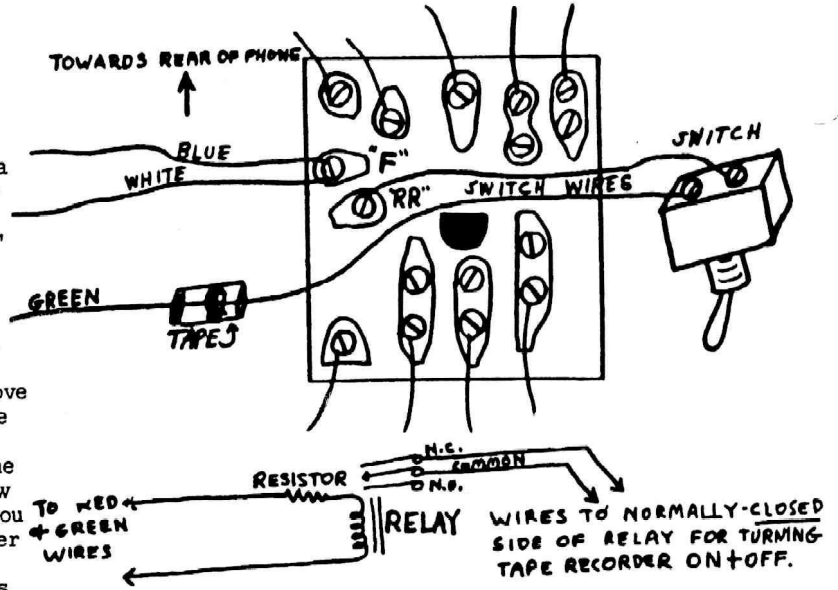
DEPLAYED, RED B.Y.

# 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!



## Jury indicts president of phone firm

SEATTLE (AP) — David Henny, 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 Henny, 43, with eight counts of wire fraud and two counts of intercepting phone calls from customers.

It accuses Henny 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 50 years in prison and \$25,000 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 Henny 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 Henny set up an arrangement through the Whidbey telephone exchange which permitted his employees to make toll-free long distance calls.

## 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).

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