How to modify your Bell Touch Tone Fone to have 1633 cycle toné

by The Magician In issue 62 of TAP, I gave you information on the use of 1633 cycle tones for setting up toll free loop-arounds, mass conferencing, and becoming the information operator as well as applications with Autovon.

Now I will describe how to modify a standard Bell Touch Tone fone to have the extra four 1633 An excellent article on this subject appeared in the April, 1975 issue of the now defunct "TEL" magazine. The modification is very simple and requires only a SPDT toggle switch (I recommend a miniature type) and a little hookup wire. Pirst, unscrew the screws on the bottom of the fone and remove the cover. You will see the Touch Tone pad on a supporting bracket. Loosen the two screws on either side of the pad and gently lift it from the supporting bracket being careful not to break any wires. The pad is enclosed in a clear, thin plastic snap case. Remove the top section of the case and put it aside. Remove the bottom section and allow it to rest on the wires leading to the Touch Tone pad.

The pad (bottom up) should look like the accompanying diagram. Locate the two toroid produce transformers that the Touch frequencies. They are large and donut shaped AS in diagram). {labelled 2597 Remove the protector on the left one, if present. On the bottom edge of the pad about one inch down from the toroid transformers, you will see a three pole terminal strip (labelled 1 in diagram). Touch Tone fones, the terminal strips are replaced by a yellow-orange wire. If you have one of these, just cut the wire in the middle, strip both ends, and these will correspond to the normally used terminals. Incate the terminal on the left and separate the two pieces of ???? metal, one on top on one on the bottom, being very careful not Cut two one foot pieces of to break them off. insulated wire and strip a little from both ends on each wire. Now take one and solder it to the bottom half of the separated terminals. Now take the other piece and solder it to the top half of the terminal, the top half being that side with the toroid transformers. Label the two wires "A" and "B" with pieces of tape with the top one being "A".

There should be two strips of five solder terminals, one on top and one on the bottom of the left toroid transformer. We are interested in the bottom one. The fourth terminal from the left (labelled 2 in diagram) is the tap for 1633 (Pa Bell uses "standardized" components for all Touch Tone encoders whether 4x4 or the normal 3x4, so the 1633 tap is there but not used). Cut another piece of wire (about one foot) and strip both Solder one end of this wire to the 4th terminal, being careful that you get a good solder joint and that you are not touching any of the other terminals. Label this wire "C" and run wires "A", "B", and "C" through the bottom plastic case along with all the other wires. Replace the plastic protector on the toroid transformer (if there was one) and snap the plastic pad enclosing case back around the Touch Tone pad. Take the pad and put it back in position on its support bracket and tighten the two holding screws. Install the SPDT switch anywhere on the

telephone cover where it will not get in the way of components inside the phone. A good place has been found to be the little compartment under the book switch on the case, looking from the back. Now take your wire labelled "A" and solder it to the middle terminal of the SPDT switch. Now take the other wires "B" and "C" and solder them to the left and right side of the switch. Put the cover back on the fone and hook up the phone to your If all went well, you should have the normal 3x4 touch tones with the switch in one position and when flipped to the other position, your last column of 4 buttons becomes the 1633 tones! If it doesn't work, check your solder connections to the switch and make sure you have the correct wire connected to the middle terminal of the SPDT switch. The connection to the switch is the wost commonly made mistake.

When placing a regular call, remember to use the regular 1477 tone instead of 1633 or you will get a reorder. If this happens enough, ba Bell wight send a repair man to see what is wrong with your line. If you have any questions, comments, etc., please feel free to write me, The Magician, C/O TAP.

LETTERS FROM READERS

Granny's pot luck:

60 days in jail

Venture, Cald: (UPI)—Loss Fault ear, 68. knows as "Granding Marsjus-

acid and gave pot, was semement yes-terday to 60 days in roughty jail, Superior Court Judge Lawrence Storch, describing the woman's con-duct as "appailing," said he immed the jail time to two months unity because of her say and noor health.

of her age and poor health.

Faulkher, who pleaded no contest
July 31 to two counts of seiling marv

named to sawo one bas an

told reporters outside the confirment that she would not sell pet again but had no regrets. "Ride mans marquene to reles. It takes the hide off hard

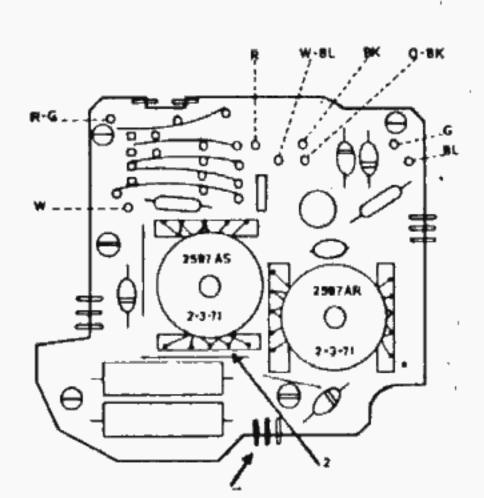
drugs," site tend.

SUMMER 1980

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NO. 63

by Cheshire

PRETABLE MITME DRIVE IN LA

A meeting of Phone Phreels, Erroying

themselves as "Communications tobbying met on a quist afternoon in Taburry in the has Angeles areto discuss the future of acress to the telephone notwork by the bobbyiets (phreshe). Speakers comfrom as far as the Midicat, and the last on at to ettend the gothering. The morting was by invitation only, so many threaks who live on the west const may not even brief found but that It to to held. Captain Controx, a 45% at based phone

phreel, tosted the conference. It discussed new hell switching computers which are putting the phreaks out of the "free force" error of emilion eround the world for a dine tand withing the dime back). Cheshire Catalyst, of the Man York City based TAP newsletter falled about access to the world telex network, and about equipment displayer et e telephone industry trade conference in Concur Ewitzerland be attended link Coptember. The jink of the gethering was that computers are taking over the telephone chitching corfe, and the phreaks had botter "get digital" if they still want to rule the inicretuaves. ? few Poll System films were shown, The best

of these was one collect the follo the black which is highly recommended for those people interested In reliefting equipment. It doesn't jet technisel. but it is a pretty film. "Priority immediate", a film about the fire in a You York Telephony stitching center was also highly rated by the erition) visuars in the outlience, these files is available for civic groups, and electronic bobbyist clubs. Bust coll your local telephone company business office for information on how to borrow those files. Fort independent tyleste ere get theco, or other films, for you as well.

## M. E.D.L.S.C.M.

FAIR

Great Laws

CONSUMERTRONICS CO. 2011 CRESCENT DRIVE . PO BOX 475 ALAMOGORDO NEW MEXICO 68310 1.15-60

I received your last issues of TAL. Thank you very much for your placement of the RI. to the ad flyer. At least 12 new compare to date directly due to that ad, bringing our total whith tobacoptions to test under ... O tand growing last t. Inclosed are copies of our last three cosues. You may reprint any part of them but askit "From FFHEL, P.C. Box 475, Alamogordo, SM 88310." From time to time, I will indept a

little bluft on IAP (free of , harges because I do want to see you survive. I am very sorry to hear that your subscriptions are diving. I think that a big problem is that your staff is too exoteric. I am a MSEE with plenty of applications experience and I still get to silon some of your introles. And, unfortunately, most people don't snare your strong itislike for Ma Bell. The 1960s are gone - this is Looking-Cut-For-No. I time' 1 have found that total obsession against the utilities has limited financial future. My main bag now is to sell SCRVIVAC'. I still get in my kicks against the rip-off atilities to get my rocks off but the main objective is gasy and inexpensive to apply survival information. I have found that many Americans are expecting. As A rmed Rebellion, B) fatal Economic vallague, and or s I horough flower invasion, very soon. No don't be alarmed it they don't get excited about credul, and calls and red boxes. whange your format to reflect this change in people's interests and objectives, and you will be stronger than ever, as unusual and hard-to-find tide, is now very much in demand. Also, consider setting books and pamphints of your own creations, just as I do. They do

I understand that you are considering doing your own printing. All my printing is done commercially. If it expensive. The months ago, I invested beauty into printing equipment and supplies to do it myself - an expensive disaster. The press turned out to be a piece of punk (\$), 30011), which I've mostly repaired myself. AH DICK parts and labor are astronomical (when you can find them?). Supplies are numerous and expensive. Its a real art to work, majorain and repair offset presses, not to mention very time consuming and just plato. hard work. Rubber gloves are time until you lose a piece of paper in the form roller, which you have to dig out with your fingernails - inky hands may ruin your meals and sex life. And a press buys you very little without an offset platemaker, paper jogger, folding machine, power stapler, etc., etc. - it gets out of hand FAST! have found that doing my own layout work very interesting and profitable. I have a Verityper 820 Headliner and 70 lonts, a 940 Oliveiti proportional typewriter (this letter) and a

light table of my own construction. I can make you some headlines free of charge, just let me know and I'll send you a copy of the fonts that I have. I understand that Zenith International. 41 E. 20th. St., NYC has Veritypers at reasonable price (conditions unknown). Well, take care. Have a good day. Keep on trucking. John I. Williams, President



by Chesnice Many people visit the Big Apple each year.

conterences, Others, come to eaten a Broadway snow

or visit the other wonderous sights the City has

the swort start appropriate them and

Visit Phun City

provide linancial security different than that provided by a periodical.

to offer. A few come in on Friday evenings from 5 to 8 PM to share the companionship of fellow technology (reaks who enjoy need food, and good beer in the back of a small restaurant on hest 4th St (between beh and 7th avenues) in world famous Greenwich Villege. Dionysia is a small Greek restaurant with a host of middle cast specialties. (for those into Greek, but not Greek tood, Caristopher St is a block north, but don't expect us to join you! "

group of TAP's writers and editors gather note in the back room, and twap information on the intest in satellite technology and telephone switching, most of which never sees ofthe in TAP for verticus reasons. (lots of it is pure bull soit) it you've winted to come in to visit, but

never had enywhere to stay, write - couple of months in suvance of your visit, and un will try to orrested for you to stay with one of TAP's motly arew of tenulars. Pon't execut ruen forethen a piece of floor and a sleeping day, but you're cerrainly beloare to what space is available, write to DAP or the most dies publiss. and mark the enveloce "Jouring Conflittee". If your company is tending you ind you just wint to not tonether and cap, or have a facil made you account, just det in touch. I few of at have hithen vibiting outcome opened decond those depends account turks to great the trade out to the

Hage to see you read.

## Phone Co. FTTPRS ARE RECEIVED from practically every more with remain completens about local photo service. There is a special service of happenesses in lines, terrains in his or not may works each letter whiter beginning the fact that they are a "reptive audience" that can't has well across the street is Spelicar phony company.

Talk back

-even to

"What can we do!" they ask, But it's less of a question than a statement of unconditional autrender to whatever rate and service polyces the company opposes to extabilish. Like most consumers, I believe our phone system ts better then any other in the world. Like as in treasing number of consumers, I think it could be

potter than it is. Any untity, especially one watch dominates an area, must be fully accountable to its customers. If a utility commission from not instinte the questioning of whether any rate achedule or company practice is in the consumer interest, then the consumers themselves must instint that questioning end make the regulatery communication marks. That's happening in many communities where in South pappening in many communities where in-dependent rensumer groups which have made phone service their top third sometimes only priority have transmised their complaints and won increased con-numer protections. For times who despent, take heart from the success stary of a consumer group in Man-surbunelle. After a three-year compaign initiated by a group culted Fair Share, and looked by the Public Law Institute, the Public Interest Group, the Legislative Council of Older Americans, and the attorney panerat's office, the Manachasetts Department of Public Utilities used regulations earlier this year which previous increased problems of the Public Council Increase of the Increase

previou increased protection against some of the most common complaints. Here a what the Massachusetta phone users won for themsease I, No deposits are required for most customers. I, we deposit are required for most customers, irmly those now in arrears, or whose sarvice was cut off for nempersonal within the previous six menths, are required to post a deposit. Customers who have streety past a deposit will have it returned—with the I. Customers with complaints about any billing lights on appeal to the Department of Public Willtime, which will serve so importist arbiter 3. Cuptomory will have 30 days to pay a bill and if a ball is not paid up time the company must couly customer to days in advance if a abutoff of service

4. Customers falling behind in bill payments may

arrange for manalisman payments over a manadish night-month period with no interest charges. 5. Customers naving difficulty paying bills because of serious impose, rectained by a doctor, or for other personal amergetries for which phone service is with, have the right to a shut off postponement of 30 days, recessary for an additional 30 days. Before service can be sout off in a home where everyone is 65 or older the company must nearly the Department of E-dar Affairs, and excees writing parmasses to proceed. 7. The company must inform new customers, of old customers seeking they sarvices, about all the pos-titue options, beginning with the least angentive op-8. Information on all customer rights must appear in the treat of the phone book. The gauge thehanists are importent. But even more important is the fact that some Massechusetts consumers got together to talk back to the company and the utility resonantees And they won, You might call it the Socion T ifur talephone: Party. And you know he boss, as owner of a small business in really hurned with Ma Bell. He claims they double

My boas once carried his complaints up into higher management levels and once was promised by someone high up that he would have an outgoing call counter installed. This never materialized and the lower levels claim no such device exists. I would like to ask TAP readers what they know about this subject, if they don't exist, how hard would it be to develop them? There might be a pretty good tarket for such stems. I am an electrician and often install conduit for tele-hone and other communication systems. Those Bell employees are the most atrocious buach of loafers you're ever going to see. Not only that, they've been known to sabstage the equipment of independent systems. I have personal knowledge that Bell will ignore certain rules when they to some types of installation but make the insemendents follow every rule to the letter. The Unions Mar

Furthermore, airline tickets are like airline money, and they can be used with ease detween dif-

ferent airlines: for example, bring a United ticket to American (or vice versa) and note how gladly they will accept their competitor's ticket. There are, however, a few general rules worth noting.

Airline tickets are "non-transferable" and one has

or triple the number of times he calls frequently

ralled numbers. At 9e per call, they manage to

get a wretty good bill worked up.

This one has strong possibilities for the entrepreneurs: A sixteen-year-old girl obtained a bunch of carbons from credit card receipts. (These are the carbons left over after Master Charge, Bank Americand, and American Express transactions.) She

MIXED TOPICS by Agent MDA

delignt of all.

card expiration date. Then she rented a mail address, and using the data from the carbon copies, she telephone ordered lots of salable merchandise like cameras and color TV's, billing one item to each account. The merchants sent the goods to her rented mail address without question, where it was picked up and quickly sold. This hustling little girl would probably have gotten away with the scam, but she was picked up by the police two months later on a different charge (soliciting her bottom). and when her purse was searched, they found over a hundred credit card carbons. Upon investigation the police found out from the credit card companies that many of the accounts were defrauded by fone order, and the girl was consequently charged. I got this story from the rent-a-box people, so I never got to find out why the girl was still carrying around all those scammed-out carbons. Knowing a good opportunity when he saw it, a quick witted friend of mine was able to pick up a \$300 freebie. He had ordered an expensive microphone from Edmunds Scientific Company and had it billed to his Master Charge Card -- no signature is required for fone orders. The item was sent direct from the manufacturer, not from Edmunds as was expected, and it was sent uninsured; no signature was required to receive it. (If it was

had gotten the carbons from the trash bins of large

department stores, and from the carbons she got es-

sential data like card holder's name, account #, and

illegible scribble is not a legal signature for all practical purposes, i.e. it probably wouldn't hold up in court as a signature.) After getting the package, he quickly called Master Charge to put a stop payment on the bill for the microphone, and he called the Catalogue Company, too: never did get that item that I ordered from your company. Are you sure that it was sent to me? I never get it. Anyway, I no longer need it, so cancel the order." Chuck the Duck from California has discovered a new trick with airplane tickets. Recently he purchased some airplane tickets with non-sufficient funds (NSP) checks. On the tickets, in the area mext to the "Bow Paid For," was written "Check." These tickets cannot be brought back for an immediate cash refund. So, he took a red pen that matched the ink on the tickets, and he scratched out "Check" and wrote in "Cash" next to it. He then went to a different airline and traded in the tickets that he just altered, and he received new tickets back with just "Cash" in the "How Paid For"

box. The next day he brought the new tickets back for a full cash refund, which was twice as much as

he was previously getting on the Black Market.

sent insured, or signature required, a non-signa-

ture -- an illegible scribble -- can be given. The

Here's another novel plane ticket meam from Chuck the Duck: Chuck called up an airline and ordered a coast-to-coast round trip ticket. He used his own name to order the ticket, but he had it sent to a friend's address. He had a fone in his name, but it was disconnected, i.e. not a working fone. The ticket, belive-it-or-not, was sent to the friend's address. It may have been just luck that the ticket was sent, but if it was due to airline practice, then I can make the following inferences: 1) the airline didn't call his fone # before sending the ticket, and if they did, they will send a ticket to a disconnected fone; 2) the airline didnt verify that he lived at the address where the ticket was being sent, and 3) the sirline didn't check to see if the fone # address and the address where the ticket was being sent were the same, or it doesn't matter. Upon these assumptions, then, it may be possible to order tickets to a disconnected fone (or to any name in the fone book). and have the tickets sent to a place where they can be safely picked up, e.q. a rent-a-box of a vacant

mail box.

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to say that he is the person whose name is on the ticket. Also, most airlines will not stop a ticket once it is issued, unless it is a ticket that has been reported lost or stolen. Tickets that were bought with MSF checks, and tickets that were fone ordered and not paid for, will be honored by most airlines, except for the airline that originally got beat for the ticket. So, if you are going to buy a cut-rate-ticket, ask the seller how he got it, avoid lost or stolen tickets, and use the ticket with a different airline. FREE AIRPLANE TICKET UPDATE In TAP Issue #57.4, JP mentioned that he didn't know if this method -- writing non-sufficient fund checks for plane tickets -- still works. Agent NDA reports that the method in #57.4 is still valid in 1979 and will probably continue to be valid as long as the airlines accept personal checks.

hand pressure.

about a minute.

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705

from around the earpiece.

BLUE BOX SPEAKERS TAP Issues 29 & 12, among others, mention using telephone earpieces for blue hox speakers. Has anyone tried getting one of the little devils out

of a new fortress fone lately? First, the screw-on-cap that is over the earpiece is glued onto the handset, and it is not feasable to unscrew it by almost any amount of

swam where it meets the handset, most likely the fine copper wire coil around the earpiece will get sawed up, too. A lot of care must be taken in sawing, or otherwise removing, the earpluce. This is not easily done out in the open at a public place. Therefore the fone handset, or the earpiece housing, should be taken home or somewhere where one can work on getting the earpiece out intact.

Then, if the screw-on-cap is sawed off at the

The telephone cannot be easily yanked away from the booth; the stainless steel cable that holds the handset to the coin box is pretty tough. The cable cannot be easily sawed, or cut with a pair of snips. but a large bolt cutter will do the job (if it is sharp). Sawing the telephone handset in half and taking away the earpiece side is about the most practical method for those without bolt cutters. A small fine-toothed saw will cut through the handset in

at home with tools, is harder than trying to open a clam with your fingernails. After most of the plastic has been removed from the extrince half of the handset, the remainder must be removed carefully. Melting away the plastic with a heated screwdriver, soldering iron, or other instrument is tadious; vice-grip pliers were more effective

in peeling away the unwanted plastic, carefully,

Getting the earpiece out of the handset, even

The whole procedure from start to finish took an hour and a haif. There must be an easier way. What do you do when you need a dozen earpieces for as many boxes? Can they be bought surplus? 2.7 5 7 7 7 7 I is for the forey that you cast Te. - is for vour ego, you're pottery ald.

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IMPORTANT! Include mailing label or Xerox copy

Electronics Courses - 50¢ each. A - DC Basics,

TAP T-shirts - \$4.50. Specify size and color:

TAP "Cracked Bell" Patch - \$1,50.

TAP "Cracked Bell" Button - 50¢ each.

of stimulant hands in case I

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

Medium, Large, Extra Large. Black or red T-shirt

TAP Cassette Tape - \$3.50. Hear Capt Crunch, Al Bell,

when writing to TAP about your subscription.

## 714 164,182 501 147 212 017,021,023, 502 048 715 202,330 072,074 716 026 503 131 213 066,183,184 504 046 717 027,028

RAO Credit Card Codes

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Jus	tice Is Bli	nd .	Reuse	of	star	nps costs Po
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Seoul (AP)-During the trial of a			senator's office aide	s aren't	the only	tice, which happens to be a federal
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the pock	eta of three people : nd escaped with \$83.	an ine	them.	1110011 10111	a re using	down on mailing expenses.
			The cash-starved P			Carolyn Andrede, administrative as-
TOUTH.	I IN A PN ÆDTIGIN	JC:	it's losing \$25 million			sistant to the Nebraska Democrat, said
TRUTH IN ADVERTISING			Back	Issue	es are 5	60¢ each. Issue #50 is \$1
The Tulare County, California, Sheriff's Department is looking for		ia.	Subscriptions - 10 issues - US Bulk rate \$5			
Sherill's	Department is looki who left two officers	s hold				plain sealed envelope \$
ing the		a thora				First Class \$7.
The	ag, it seems, was bro	wn				Titot Cinos wi
	nd held horse manuer		Fore	ign Þi	D.	

6th digit: - 0 check digit: 9 6 0 3 Example: phone number 202-456-1414 202-456-1414-0324 Credit Card Number (To use the Credit Card Number from outside North America, an International Prefix must be added. The 1980 International Prefix is 1X.) No set of rules can take the place of common sense,

but there are a few basics to using Telephone Credit Card

A Telephone Credit Card Number is 🗀 digits, divided

code (the Regional Accounting Office, or RAO). A list of

verification, and changes annually. For 1980 (1/1/80 to

1/31/81); the verification digit has to match the SIXTH

digit of the charged-to number. The code is:

number being charged to. The next three are a billing

the major ones is at the left. The final digit is for

3 - 2 - h - h. The first ten digits are the phone

Make Credit Card calls ONLY from pay phones (there's no record of the originating phone), and at random times and locations. Always be courteous to the operator (think how much company shit s/he has to put up with), and remem-

free, and with a little imagination, there are endless possibilities. Since the call does end up on someone's phone bill, don't make up numbers at random. When a fraudulent Credit Card call is reported to

Credit Card Number twice. Long Distance Information is

ber that s/he may listen to some of your conversation.

It is harder to trace someone who never uses the same

company Security, they may hassle the recipient of the call. If the call went through an institutional switchboard, they're stuck. If the call went to an individual, they may call and try lies, sympathy, intimidation, or whatever may get money or information. Or they may just stick the call onto the bill, months later. So only call individuals who will be dumb on the phone and sharp read-

ing their phone bills. And not too often. ps costs Postal Service millions vice "ought to be a little more careful ir because of the widespread pracyesterday "On a slow day I get \$5 to at looking at the thousands of dollars \$10 worth of stamps off incoming let e, which happens to be a federal (in stamps) that are being used over ters. That's like picking up money in and over again. Sen. Edward Zorinsky's office acthe street. Postal officials say it would be im-She contended that since the stamps owledges doing it as a way to cut practical to try to find and prosecute apparently miss the Postal Service's

cancellation machinery, they can legal-

ly be reused. She said the Postal Ser-

each. Issue #50 is \$1.00. Cold and calculated ssues - US Bulk rate \$5. ain sealed envelope \$7. BAKERSFIELD. Calif. (AP) - A robber tied a conrst Class \$7. venience store clerk up in a cold storage locker, then

> was accosted by an armed man wearing a black stocking mask Monday and was left in the cold storage locker with his wrists bound. The bandit pulled off his mask and waited on customers for 20 minutes, police said. He told officers re-

> waited on customers and told police that a tip they had

The 7-Eleven clerk, Bruce McDowell, 19. said he

received about a holdup was false, authorities said.

the many people who re-use uncanceled

sponding to a citizen's report of a robbery in progress that the citizen had been mistaken. After the customers and police were gone, the rob-ber left with \$86, including \$29 he had collected in sales while acting as clerk.

"A woman drove me to drink and I never even had

Joe Engressia, and Bell Security Chief John Doherty. the courtesy to thank her." Send cash, check, or money order to: W.C. Fields TAP, Room 603, 147 W. 42 St., NY 10036 Telephone privacy of almais keep a supply

one of us here is an FBI agent."

"Gentlemen, I just wanted to remind you that the home

office will be monitoring this on closed-circuit TV, the

sales department is recording this for future use, and

paper and held horse manure . . .

agents had arranged for the purchase

The police may have difficulty in

getting a conviction since the culprit

was heard on a tape recording of the

STORRS, Com (AP) - The University of Con-

necticut recently installed a \$16,000 computer sys-

tem to help keep people out of the Institute of Ma-

The idea was to cut down on thefts. It didn't

Police reported Thursday that someone stole the

of two pounds of marijuana and the

bag of manure was what they got.

transaction clearly state, "Hey. . .

system from the institute's building

it's good shit."

terial Sciences

work

\$200 worth. Earlier, undercover

63 see a snake -- which I also keep hands . If C Fields

plover of full-time lawyers

TAP Mugs - \$4.50.

with white TAP logo.

NEW YORK (AP) - The American Telephone & Telegraph Co., citing the

need for attorneys to work on mounting federal regulation, employs more fulltime lawyers than the country's two largest law firms combined, according to the National Law Journal The weekly newspaper reports in its current issue that with 863 lawyers on its payroll. ATT is the largest private em-

The largest private law firms were Chi-

cago a Baker & McKenzie with 512 law-

cords and credit information.

Consumer Affairs

New Jersey Bell

detailed in booklet NEWARK (AP) - New Jersey Bell has published a booklet that gives customers information about their rights to telephone privacy and how the company protects the privacy of its customers. Entitled "Our Customers' Right to Tele-

I fuully got wise what was more I dropped Forni Massachusetti, g phone Privacy," the booklet details New Jersey Bell's policies in areas dealing with the privacy of telephone conversations. telephone listings, wirelapping, annoying and harassing calls, sales calls, automatic Pell for and announcements and customers toll re-

ise to a directory re a house than a ni Kate from the phone book. Forni

PETRODIMES, NICKELS AND QUARTERS are choking findlay Ohio, pay phones. When the 30 Saudi Arabian students enrolled at Findley College get homesick, they call home, at the rate of \$9.65 for the first three minutes and \$3.20 for each additional minute. That means \$64.05 worth of change for the average 20-minute Saudi chat. The cainage

keeps clogging the collection boxes on Findlay's 23 pay

phones, knocking them out of

