TEST YOUR STASH Y. Mandias

This the first of a series of articles on subjects of interest. The next few should be of interest to all you depraved dopers out there. Questions and requests for articles, comments, additions and corrections, interesting info of any kind (I would be pleased to hear from technofreaks of any kind, especially underground chemists and budding Cwgley-types), as well as names and phone numbers of easy lays should be sent to TAP, c/o Cz Y. Mandias. Please remember to enclose a S. A. S. E. if you want a personal reply, though I'll reply to interesting letters without one.

First of all, there are a few basic ground-rules one should be aware of if you're into psychedelics. "THC" is almost always PCP (a. k. a. "angel dust"). THC is somewhat difficult to synthesize and expensive and there is a good market. On the other hand, PCP is easy to synthesize, cheap as hell to make and the market, until recently at least, was limited (due to reputed bad side-effects). It doesn't take a genius to figure out the result, given the lack of F. T. C. control over the unscrupulous big-time suppliers. The same can be said of stuff sold as mescaline (unless you live in the SouthWest) and psilocybin, unless you have a good connection. These are usually acid or our friend PCP again. It can be said, however, that acid is usually acid, though as to quality.....

Bearing this in mind, there are a number of simple tests you can perform to ascertain what exactly your head is getting or at least what it's not getting. The easiest of these is the very useful Marquis test (seen in "French Connection") which uses a testing reagent consisting of 20 drops of formaldehyde (available in drug stores) dissolved in 10 ml concentrated sulphuric acid (from drug stores, gas stations or school labs). A drop of this reagent is added to a drop of water on a piece of glass in which is dissolved a small amount (a few grains or fragments) of the substance to be tested. (Note: Quantities and $m{\%}$ ages in this and the following tests need not be exactly correct.) Any color changes in the liquid are then noted and compared with the chart. These tests are not absolute proof but they are good enough for our purposes. OTHER TESTS:

p-DMAB Test: Warm a small amount of the substance with a 1 % solution of para-dimethylaminobenzaldehyde (available from a chemical supply house) in concentrated sulphuric acid in a test tube. Note the color. Purple means LSD and related cpds., DMT, psilocin or psilocybin. Yellow means procaine or PCP. Red means THC or cannabis.

Beam's Test: Add a small amount of the substance to a solution of 5 % potassium hydroxide in methanol. A red color indicates cannabis or THC.

Zwikker's Test: To a 1 to 2 ml solution of unknown substance in methanol or ethanol add 1 to 2 ml 1 % solution of cobalt nitrate (or acetate) in methanol or ethanol. Now add 1 or 2 flakes or pellets of sodium hydroxide (lye). A deep violetblue color indicates barbiturates. (The color persists from 1 to 10 minutes depending on cpd.)

Strychnine Test: It can be said that for all intents and purposes, there is no strynine in acid and never has been. If you're paranoid though, take a . 5 % solution of potassium dichromate in 60 % sulphuric acid and add a drop of this to a small amount of the unknown on a white tile. Purple changing to red indicates the presence of strychnine.

Chen's Test: This test will give a purple color for phenylephrine, phenylpropanolamine and ephedrine, which are commonly sold as speed and won't get you off. To one drop of a 1 % solution of the unknown in vinegar (diluted with 1/2 water), add 1 drop of 1 % copper sulphate followed by 1 drop 8 % sodium hydroxide (lye). Note the color.

EDITOR'S NOTE: The above article was submitted in longhand and any errors or mistakes are the result of my inability to decipher his handwriting, my lack of drug and chemical knowledge (Who, me? I), and my all-round general stupidity.



JAN-FEB 1979

NO. 55

MA RQUIS TEST	
DRUG	COLOR ("→",= changes to)
Amphetamine Dexedrino, Speed Benactyzine Bufotinine Demerol DMT Heroin LSD Lysergic acid & Lysergic acid amide Mescaline Psilocin Psilocybin STP	orange→brown orange→brown orange→green→blue greenish-brown dull orange dull orange purple grey brown brown orange greenish-brown dull orange yellow

CREDIT CARD How come there has

been so little

credit card counterfeiting to date?

According to Frost & Sullivan, Inc., a New York research outfit, it's because no credit card counterfeiters have yet been jailed. Once they are, these criminals will undoubtedly explain their techniques to others. which is how crime spreads.

Richard Ahern, who researched the subject for Frost & Sullivan, interviewed 76 credit card criminals in four prisons. He learned that how to steal credit cards and use them is now common knowledge in U.S. jails, but how to counterfeit credit cards is not.

Phone company loses

SAN FRANCISCO (AP) — The huge Pacific Telephone Co. came within a few days of seeing its downtown headquarters on the auction block to pay a disputed S11 debt.

Louis Gary, who boasts of paying his residential telephone hill at the last minute "as a matter of principle," filed suit against the powerful utility charging it cut off his service without the customary five days notice.

He contended that his payment was mailed on

rice contended that his payment was mailed on time.
"They said they didn't get the payment," said Gary. "I said they did. They said tough luck and disconnected the telephone."

When the telephone company admitted in court that it had received the payment but charged him \$11 anyway to reconnect his service. Gary went to City Hall and filed suit in small claims court.

· New York Telephone Co. has issued we york relephone Co. has issued a warning to "phone phreaks" who use "blue boxes" to illegally avoid long distance charges. The company has developed a computer which detects and prevents the fraud. However, at the news conference the company called to unveil its weapon, the computer malfunctioned. It took 20 minutes to remain the computer.

Wrong subject

WENATCHEE, Wash. — A microscopic examination in a biology lab turned into a police interrogation for a Wenatchee High School student. The class assignment last Friday was inspecting fungi. But a 15-year-old student was charged with possession of marijuana after the biology teacher discovered the "grass" the student was studying intently was the wrong specimen.

Youth Hot Line Reports, Inc. 1979 - Do not make checks out to Youth Hot Line Reports, PLEASE! Movement groups may reprint without permission with TAP's address given with all credits. Please send us a copy of reprinted work.

During the Christmas break I g to gether with a missia of mine who's also an electrical engineering student and liked ripping Bell. He kn ws all the latest about the new Black B z detection system which is available to all early ESS systems and can be used on all older systems. On a partial ESS system the testing piece of hardware checks the line with a lot of low frequency signal. This works because; 1) You probably have a resistor leaking some current through to your microphone element. This 10K ohm or so is not enough to trip the billing equipment but is less than the Megonm or more on an open line. 2) Your Black B.x capacitor (1 Mil) passes the AC fine and through great! Your capacitor (1 Mil) passes the AC fine and isn't nearly as well hidden in the stray capacitance of the phone line as your line resistance can be. Note; they do this test when your phone is ringing, if they can pass the low frequency signal dawn the line, they will suspect you are Black Boxing. So far we don't know exactly now many ringing telephones can be checked at once, but supposedly, a lot since the low frequency Black Box detector need only check your line during ringing and with ESS these kind of "maintenance" checks are easy to implement. Also the exact frequency used is not known. They probably do a DC resistance check and could do an AC check anywhere from) - 60 Hz above that and the tone could be heard on the line. Will comeone who lives in an area where they know Bell does this kind of detection try and see if there are extraneous low times on the line during ringing. Further, Bell may also Φ the testing with a high frequency tone during ringing (the noise won't bother you then) which makes it really easy to measure your line capacitance.

Now some ideas! First, I don't think they can get a good yes-no result. They might get a signal to monitor your line to be sure. Their measurement capability is limited by two major factors; 1) The stray capacitance between the line from insulation losses, connection points, etc. 2) The ringer capacitor, it should hide your capacitor pretty well. Remembering how it's hooked in. it must be a pretty big capacitor to let the 20 Hz ringing signal energize the ringer coils. But note, when you hook on your Black Box, you've series connected your 1 Mfd or so with a big 2 or 3 Mfd so the total capacitance is less than either. Further, the ringer coils have some inductive reactance making the effect of your capacitor even larger. By knowing what a standard capacitance should be, any reading By knowing what a standard capacitance should be, any reading less than half is VERY suspect! What can we do about it?; Several modifications should help you hide. 1) Put your Black Box in the circuit after the point the ringer is in. This leaves the ringer capacitor on to "swamp" the line. 2) Use a bigger capacitor, then the series effect is not so noticable. This sounds funny I know, but look at the circuit, if this is how the phone company does it, then that's the cure! At about this point I realize that the damn ringer capacitor throws a monkey wrench into the works. Some investigation should be uone on what effect it really has. Think about it and let are know what you've heard. We've got to help the thousands of Boxers in Amerika tromp this menace!!!

Further, the TAP mugs and T-shirts are great!

"Hide the wires", Mark

Until last year I was a regular receipient of your reports and now due to a situation of some urgency I find it necessary to personally respond. A certain Pacific Telephone investigator, Charles Fincher, recently paid a visit to a friend of mine, accompanied by several San Francisco police, who with a search warrent, seized a Black Box after monitoring his phone for an indefir te length of time. Fincher was overheard saying that this was the fifthteenth raid this year in San Francisco. A felony citation was issued because of an alledged \$200 plus "crime" and legal procedings begin next week. Would you be so kind as to inform your readers of the situation in San Francisco and send me any pertinent advice as to a legal defense.

Dear TAIR,
Thought I should populs note in. Less than five hours since I was the actual in reserve determine I got natiled by the of II. J. to incertif. D. He can use if the new moving rates outs installed in his car and he was more than happy to explain but it works (at least how he used it) after he wrote but my toket. It beems that the State Police in N. J. have been installing the new moving radar units into as many of their cars as

possible. Most of the units have been bought with the help of a federal grant. The unit consists of a transmit/receive antenna mounted on a swivel base and a readout unit which contains the electronics for the computations. The unit takes into consideration the speed of the police vehicle and depending on the direction of the antenna (front or back) either subtracts it from or adds it to the speed of the approaching car. It has an alirm system that can be preset for any speed up to 99 mph and any speed above the set speed will sound the alarm. By the way, the trooper that nailed me had his set for 64 mph on a 50 mph road. Of course local cops don't give you near as much of a break as that, but so far very few of them have the new units.

Fuzz Buster Barry

Dear TAP.

Since Ma claims to now have the ultimate weapon against phreaking, in the form of a computer program, how about a different method of getting into the system? You wouldn't even need a telephone. Anyone familiar with ham radio knows these guys have their own satellite through which they can talk to other hams over distances not normally possible with the frequencies they're using. The equipment for using these satellites isn't too expensive and anyone who's built any of the projects in TAP can build his own. So what am I driving at? The rhone company also uses satellites as well as microwave (which can be tapped into). If some bright soul could come up with the frequencies, orbits, and access codes (if an for these phone booths in the sky, it would be possible to phreak away without ever a worry about getting nailed. I would imagine that some of the frequencies are in the UHF range, which means that if the person using the satellite is using a halfway decent antenna, there's virtually no way to track down the originating signal. Besides, the FCC is too busy chasing HFer's on CB. Ma Bell ain't the only one, either. There are dozens of those birds up there and many of them could just as easily be put to good use as serving the Megaporkers who currently enslave the world.

A note about the ham satellite: from what I've read, the thing was built and paid for by donated time and money and

its use is set by cooperative arrangement, making it just about the nearest thing I've seen to people's technology. So don't fuck it up!

Enclosing a buck. Hope it'll help. (You bet yer ass it does!)

Postmen stop re-used stamps

The practice of trying to give the U.S. Postal Service a licking by erasing cancellation marks from stamps and re-using them has been largely stamped out, suburban postmasters say.

Early this year, the post office issued stamps with ink strong enough to with stand the vigorous erasing required to remove a can-cellation mark

Erasing cancellation marks and re-using can-celed slamps does occur said Lou Everhard of the postal service's Washington

office. Some people seem determined to beat any system.

At the Oak Lawn post of force, cancellation equipment has been adjusted to produce heavier can cellation mans that are impossible to erase without learnoys again.

Elimburst. Postmaster William Bran had be washt aware of alterings to erase without exercised to the problem with cancellation is more than the washt aware of alterings to rease.

However, attempts to re-

EDITOR'S NOTE: Smearing a drop of Elmer's Glue on the stamp still works. See TAP #39 for more "free" postal info.

by Napoleon

THE LIGHT LAND ANTICLE WE THEN REGISTER ON THE STATE THE 800 MURRESTANDERS. THE PER LIGHT WE SOON MURRESTAND 800 MUNCHES OF AN ROOT NATIONAL THE FEST THENCES THAT OF CHUICE OF EXCHANGE WAS BOUNDED BY AND STATE THE LESS THAT OF CHUICE OF EXCHANGE WAS BURNET REPORTED FOR THE STATE OF THE STAT

FPA THUST THE EXCHANGE IS DEFINITING ON WHAT TYPE OF NUMBERN YOU ARE LOOKENG SHELL ...

CHALLTES UND SHOULD BY HICH INDISTIGNAL AREAS LINE DALLASY MUSTONS
when they are all fore falses. In a shades only 100 to 100 to

AL SO COMPLEASURING IN THIS - NINIAPOLES MINN, MICHI, ATLANTO, NEW JERSEY, LA ARECOUR LEGES DE LOUR.

ž, INWATS J. KLUBLINGS - MY, WASHING, ALLOHAMIA, MJ. GAIF, ALSO, THERE ARE KALIN MEWALTING ING. SHIP MEMBAKES DICT, PUTO, NEWS SEET, ON AN II KALIN MEMBALIKU NEWS FILD FALIS FOR SHOME KRASON. HEAD KALLY: THE THE TOS MON'T BUT STEVER BOX ACCESS FORTERS IN AN BOO MUNEER AND YOU CAN BY HELL. IT IS BESO FOSSIBLE FOR THE BILLTARY IN FIRE AND AND ACCOUNT ACCOUNT AND ACCOUNT ACCOUNT AND ACCOUNT ACCOUNT ACCOUNT AND ACCOUNT ACC

MUST FLOWER WILL TROPANCY PHOOSE WASH DC AS A PLACE TO START LODGING OF DEPLY MALE AND BODING AND LEGGES OF PRICOSE FLOWER FOR FLOWER STARTS BY THE STARTS WE SEE TO BC. AS THATS WHERE IN A MAN DEPLY STARTS BLOSE TO BC. AS THATS WHERE IN A MALE AND STARTS BY THE STARTS BY A LOT DF STUFF IN THE STARTS BY A LOT DF

WHITE LAURING FOR INVATS MUNBERS, TWO PASSES SHOULD BE DONE, DHE PASS
FOR THE THE THAT'S MANES, AND THE CHEE FASS TO FIND THE MUNBERS IN
EAST PARK. DHET HIS IS MONES, A SYNTHMATIC METHOD OF RECORDING THE RESULTS
MANE OF CAPITUMEN, HE FIND THAT CRID PARTE IS A VERY NICE MAY TO RETORD THE
PARTILLY JO MUNIES. THE WORK TOWNERS, AND FOR THE LOOK AT, IT'S USUALLY CORD
MATTHER JOY MUNIES. THE MUSE AND SAMES AND THE MONEY HE WORKLING.
PRESENTED WITHING FOR HARM, ALD MUSE THE LORISIN AND THE MONEY HA

NOTE IN THE STATE OF THE STATE THE STATE OF STATE OF SECONDARY CONTINUED FOR THE STATE OF THE ST

Ĭ. SOMPTIMES IN TOO MANY BABBS DAILSE PROUBLE CARLS IN DECISION D TIME REFAUST HUMBER INVESTIBERANS AT ARE DISJEN ACTES TO THE ALLING. A WORD OF WARNINGS SCANDING DOES ATTRACT ATTENTION AND SHOW IN T BO FOUND IN THE NEW SHOWS SHOWN THE NEW SHOWS SHOWN THE FOLLS BUT DESIGNATION OF THE SHOWS SHOWN THE FOLLS BUT DESIGNATION OF THE PROPERTY OF THE RESEARCH TO THE SHOWS THE SHOWS AS USING A SHOWN THE TOWN.

HIM PORT DR NACH GARTELL MOTE DARING IS A RUST AND THE HORE THEO YOU GET THE FASTIST THE TOWN WELL HAVE IN EVALUATION THE THE LIDITAL Fig. 618, 1945, 848, 816, 818, 616.

860 241-2323 (PJOCUMPTIED NUMBER) 800 240-7272 (ENLIC TUTC) 800 241-7322 (AMS. PELIC) 800-231-3323 (AMS. PELIC) IN THIS EAST IN THE ARRIVE EXHAPTER

NOTH THE CAST NUMBERS THE BURY. AGE SURE YOU RETURN TO AN A SPECIAL OF MEET IN THE THE CAST NUMBER. OF A SPECIAL DATE OF THE BURY RUPLES. OF A SPECIAL DATE OF THE BURY RUPLES. OF THE THE SPECIAL DATE OF THE BURY RUPLES. ST. THE CAST NUMBER.

Ξ

SHOW SO THE COURSE OF THE DOLY EINES, IF YOU THINK IT RAD THEN IT IN THE STORE TH

CALL SO THE THE STATE OF LINE OF THE SOUTH O

6.1 LEDS FERENCE SCREWING BY 10°S WITH NOW FLIMINGTY THE EXCHANGE AS YOU WAS DON'T BE TO SELECT THE AS TOWNER AS YOU WAS DON'T BE SELECTED AS TOWNERS. THE SELECTED AS TOWNERS AS TOWNERS AS TOWNERS AS TOWNERS AS TOWNERS. THE SELECTED AS TOWNERS AS TOWNERS AS TOWNERS AS TOWNERS.

(Continued on next page

 \mathfrak{O}

Ma Bell Has Competition

The seven independent tele-phone companies in New Jersey might not be as big as Ma Bell, but they provide the same level of

might not be as big as Ma Bell, but
they provide the same level of
service.

New Jersey Bell has at least 30 times
as many phones as its smaller counterparts, but the state's independent
companies in some cases charge at
lower rates.

The seven independent companies in
the state serve 78.118 business and residential customers with 133.241 telephones, compared to New Jersey Bell,
with almost 3 million customers and 6
million individual telephones.
Only two of the non Bell companies
in New Jersey are owned and operated
by local people. The other five are subsidiaries of holding companies which
operate millions of telephones around
the country.

Local Companies

The two local companies are the
Hillsborough & Montgomery Telephone
Co. of Belle Meade and the Warwick
Valley Telephone Co. of Warwick, N.Y.,
which operates the telephone system
in parts of Sussex County.

But even those two companies serve
more than 5000 business and residential customers each in New Jersey and,
according to statistics provided by the
U.S. Independent Telephone Association in Washington, each grossed more
than \$1 million in 1976.
Customers cannot pick and choose
their telephone company because each
utility was granted its own service area
under the Federal Communications Act
in the 1930s

Rates Are Low

Hillsborough & Montgomery Telephone Co. has about 50 employes to
serve 6.386 customers with 11,710 telephones.

The company has not raised its \$3.65

monthly residential rate for a dial tele-

phones.

The company has not raised its \$3.65 monthly residential rate for a dial telephone since 1956. Bell charges between \$6.20 a month and \$7.65 a month for the same service.

phone since 1986. Bell charges between 56 20 a month and \$7.05 a month for the same service.

General Manager Roy Peterson sald numerous long distance calls have enabled Jillisborough & Montgomery to keep its basic rates the same for over 20 years. The affluent new customers the company has picked up in recent years tend to make more long distance calls than New Jersey Bell customers. Peterson said.

The Warwick Valley company serves 5,024 New Jersey customers.

"We started in 1902 when a number of farmers began connecting their private lines together," said president John W. Sanford.

New Jersey Bell officials concede that in some respects the independents do have advantages, mainly because they have smaller free dialing areas and because many of their customers are more affluent than those in inner cities served by Bell.

Other non Bell companies in New Jersey are: New Jersey Telephone Co.

United of New Jersey and the West Jersey are: New Jersey Telephone Co.

United of New Jersey and the Delaware Valley Telephone & Electronics; and the Continental Telephone Co.

New Jersey.

THIS IS HOW ALL WATS EXTENDERS ARE USED AND HOW MOST COMPUTERS WERE FOUND AND IS A VERY GOOD WAY, AND THOURAL WAY TO FIND ANY 800 NUMBER IN THE COUNTRY

AT THIS TIME YOU START GETTING THE "WERE SORRY, DUE TO EQUIPMENT " RECORDING, YOU CAN NOW SKIP BY 10'S THUS SAVING COMBITION . A LOT OF TIME.

SCANNING IN ONE PASS IS DONE AND NO MORE THAN 50 OR SO FAILURES OCCUR IN FIMILING A WORKING BANK, IT'S POSSIBLE TO CONTINUE SCANNING UNTILL ALL THE NUMBERS ARE FOUND.

IF YOU LIKE TO WATCH TV A LOT AND WANT SOMETHING TO DO WHILE SITTING THROUGH A USED CAR COMMERCIAL, ITS FOSSIBLE TO GO THROUGH 10-20 TRIES DURING OME COMMERCIAL, AND JE YOU MULTIFLY THAT BY THE NUMBER OF COMMERCIALS IN ONL TV SHOW, IT DOESN'T TAKE A MATHEMITICIAN TO REALIZE HOW MANY NUMBERS YOU WILL OF TERROUCH.

SCANNING CAN BE DONE ANYTHE YOU HAVE MORE THAN 10 MINUTES TO KILL BY WALTING FOR SOMEONE, WALTING FOR DINNER TO COOK, OR FOR ANY OTHER REASON.

IN 5 7 DAYS, IT IS POSSIBLE TO GO THROUGH AN INTIRE 800 EXCHANGE WHICH YILLDED SOMETHING LIKE'S WATS EXTENDERS, 10 COMPUTERS, AND OTHER EQUALLY STEAMET NUMBERS. THIS WAS DONE BY SCANNING NOT MORE THAN 3 HOURS A DAY AND WAS DONE ONLY WHILE WATCHING TV OR WAITING FOR DINNER OR SNACKS.

Fr. S. Lander, vol. 17 Comm.
Since supplying = 17 Common = 93 following & ...
Since Pattern in plain accelerational pc. \$7.
Common State Common \$7.

MAP JAIANT! Include meating label in Zer x - py when writing to TAP at utily unsubscription.

when writing (TAP at all y us coloreripti a.

Et de mis clusters = 12 cech. A - LA Lectus,
14 - Ar Iredius, C - Phone Busies, D - Amplihers.

TAP muss - \$i...).

TAL Training - M. 5). Specify size and c 1 rs Smull,
the time, Large, Extra Large, Black or red T-shirt
with white TAP logs.

TAP "M. [Will Is A Cheap M ther" T-shirts - \$i...).
Specify size and cel us; Medium, Large, Extra Large.
Blue, tan, or vell-w.

Blue, tan, or yellow.

■ UTILITY FIRMS risk legal trouble if their employes in the course of their jobs enter homes without the owners' consent. A telephone-company employe entered a home when the owners were absent and removed two phones after the owners refused the company's demand for a deposit. A State appeals court held that the owners could sue the company for invasion of privacy.

The Technological Hobbvist Conference (THC-79) will be held this year at the Diplomat Hotel in New York City on Sunday April 22, 1979 from 10:00 AM to 7:00 PM EST. Preregistration by mail is \$5.00 and will be \$7.00 at the door. This fee is needed to pay the costs of renting the ballroom, renting PA's, projectors, etc. If you can't make it to THC-79, you can still get a supporting registration for \$3.00. This entitles you to receive any junk that gets put on our Freebee Table. Supporting Registrations may be upgraded at the door for only the additional \$2.00. Otherwise it's 7 bucks at the door. Dealer tables will be available for those wishing to sell their technological goodies but be forewarned that the people with those funny initials will be there too! Dealer tables are \$20.00. Registration materials will be held at the door so be sure to use a recognizable name. For more details see TAP #53. Please make all checks payable to TAP.



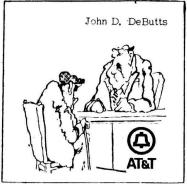
Raymond Allan Williams, 31, is a crowd all right, but he does have a certain flair. Williams, a convicted carthief, escaped from the honor farm at Leavenworth federal prison in Kansas the other day, driving off in a pickup truck he had cadged from the motor pool. He dumped the truck in Kansas City, 20 miles away, and, with some money he had saved, rented a limousine, complete with chauffeur, and was driven to Tulsa, Okla. There, using the limousine service as a reference, Williams rented a suite of hotel rooms for himself and his driver and put all costs on the tab. He lived high for a couple of days, then went to the Tulsa Alrport and bought a twin-engine private plane on credit and hired a pilot to fly him to Dallas. By that time, the FBI was on his trail, and he was arrested in Dallas. Despite his escapade. Williams won an accolade from one FBI agent. "You have to like his style," the agent said.

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

Address all mail and checks to:

TAP, 152 W. 42 ST, ROOM 418, NY 10036

Bulk Rate U.S. POSTAGE PAID Keasbey, N. J



"It's been brought to my attention that you retired from here in 1948. I just want to know where you get the nerve to draw a company pension for 30

55