



Exploding The Phone

db697

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Bibliographic Cover Sheet

Title Interview with "Captain Crunch" Draper

Date 1977-07-10

Abstract Transcript of radio interview with John Draper on KGO radio. Draper warns that the phone company has deployed CAMA-C which allows it to quickly detect blue box usage.

Keywords John Draper; KGO; Blue Box; CAMA-C

Source Anonymous

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John

AUDIO-VIDEO REPORTING SERVICES

(A Division of Communications Associates)

CLIENT: PACIFIC TELEPHONE
PROGRAM: TALK SHOW
DATE: JULY 10, 1977
TIME: 2:05PM PROX.

ATT: MR. REZAK
STATION: KGO R (ABC)
CITY: SAN FRANCISCO

NOTE TO CLIENT: After receipt of complete transcript is acknowledged, tape of broadcast will be shipped, complimentary.

Part 1 :

"CAPTAIN CRUNCH" DRAPER

MARTY WILDE: We're going to continue very shortly with John Draper who's here. We're going to tell you all about THE TELEPHONE COMPANY.

Were going to switch gears and interests a little bit and ah...and I want you to start getting on the phones. And if you are there, just stay on the phones and just switch your mind from chain letters and psychiatrists over to telephones and computers, okay?

In the City, 478-3456. In the East Bay 832-9707.

(COMMERCIAL SPOTS)

WILDE: Okay! John T. Draper is right here in the studio. Captain Crunch! Hello there!

DRAPER: Hi!

WILDE: How are you?

DRAPER: Oh, I'm fine!

WILDE: Er..gee, I want to ask you a lot of things! You've got one of those brains that I am not quite able to understand. You can do all...From what I've read about you, and I heard you on Ron Owens, ah...For example: the story about you sending your voice two ways around the world!

DRAPER: Yeah.

WILDE: Tell me about that!

DRAPER: Okay. We were doing some experiments to ah to

see if we can ah...switch a call through the automatic worldwide network. One country to another. Without going through a manual operator.

We were able to call into Australia, using their own internal switching tones...

WILDE: Not using an operator!

DRAPER: Not using an operator.

WILDE: Just dialling something!

DRAPER: Yeah. Right. We...We'd dial into Australia...

WILDE: Direct dial.

DRAPER: Right. Correct. Then, from there we would send tones down the line...

WILDE: How...How do you do that? How do you do that now, when you say "send tones?"

DRAPER: Well we have equipment that can do this! We dial with ah...with tones and switch the call from there to England and then from England back around to San Francisco. And then we go to England again, to Australia again and back the other way, using their own internal tones.

WILDE: And you have a machine. I assume you put that...Where do you get the machine? Do you put the thing together?

DRAPER: Well, to get off into the country, you would have to use a Blue Box now and ah...they are slightly illegal, at least in this countr...at least in this state they are.

In New York, where most of this was done, it's not illegal to experiment with a Blue Box.

WILDE: It's not illegal in New York to use a Blue Box?

DRAPER: It's illegal to use a Blue Box for defrauding the PHONE COMPANY. Yes, it is illegal. But, if you are using a Blue Box and if you don't commit fraud by, you know...by paying for your calls,er... In other words, if you were to call ...er...If you were to just experiment around and not complete calls, er...possession of a box ...Blue Box....in New York...is ah...not illegal.

WILDE: Then, just a minute. For anybody who doesn't know ...You know, I've been hearing about Blue Boxes for a long time. But I want you to tell us exactly how they work and what they do.

Well...I want to get into something...I...I know we can't use them, right?

DRAPER: Yeah. They're very bad to use and in fact I have a message for people that have them now. And a good word of advice.

WILDE: All right.

DRAPER: Do you want me to give it now?

WILDE: Yes. Go ahead! Fine.

DRAPER: Okay, ther...the word of advice: If you have a Blue Box, don't use it! In fact, you should get rid of it as soon as possible. Because, if you get tempted to use it, they have equipment and devices now that has just been recently installed and I mean within the last month!

And..er..they have this device and they can tell instantly if you are using it. And if you haven't as yet been visited by THE PHONE COMPANY or by federal Agents it is because they haven't gotten around to you yet.

WILDE: They know!

DRAPER: They know and that's...for anyone out there, you know and it's getting to be very very bad because a lot of information came out as a result of my being arrested, as a result of the publicity. More people are getting into it..er...trying to do as I did. That's bad news and I want to lay it on the line now and try to discourage the use of Blue Boxes as much as peop...as possible, because I know they have this equipment and it's right now, getting a lot of people busted.

WILDE: All right. Right now, we're going to talk about you getting busted, your goof-offs and all kinds of things. Let me give you the Phone numbers: in the City: 478-3456 In the East Bay 3429707. In the South Bay: throw out your chain letters and call us up 272-1233 and in Marin: 453-6523.

WILDE: Okay ---John!

DRAPER: Yeah?

WILDE: Tell me about Blue Boxes. I know they enable people to make long distance calls without paying for them, but I don't understand how they work or how you get a hold of them or where they began.

DRAPER: Okay, well I can tell you basically how they work....

WILDE: Uh-huh. Sure you can! (laughs)

DRAPER: But I can't tell you how to get a hold of one because they....

WILDE: Oh No. No! I didn't....

DRAPER: You would have to be able to build one.

WILDE: Oh, you have to make it yourself, is that it?

DRAPER: Yes. You can't just go to the store and buy them.

WILDE: Oh, I know.

DRAPER: You must have enough knowledge to be into electronics, to be able to build one.

WILDE: There must have been a pretty good Black Market in them --right?

DRAPER: Yes, there was at one time, I am sure. I don't really know how big the Black Market was because I never got into that.

WILDE: Okay, well, how do they work and what do you do?

DRAPER: Okay. A long time ago.er...and it still works today, in spite of the fact that they've got this fantastic equipment to detect it, erm...What you do to make a call is: you are sending tones into the phone lines that causes the equipment connecting your call to respond and it doesn't know whether it's you placing the call or whether it's the PHONE COMPANY's automatic equipment, because they use tones to signal your call. And if you send the certain tones at the certain pitch, on your phone line, then the right combinations, you can signal the

TELEPHONE COMPANY's switching equipment to place your call anywhere in the world, or anywhere you have direct dial. Anywhere an operator can connect you, you can dial.

WILDE: But how do you know...

DRAPER: The normal way....Well, the tones were originally found in some TELEPHONE COMPANY manuals in some college library or somewhere and a few people just sort of figured it out accidentally or made some educated guesses as to what would happen if they did build up this equipment. And they found they could control the phone lines by the use of...of a few standard tones.

Now, once such tone is the 2600 cycle tone which causes your line to disconnect. You can't make a phone call by using that tone, all you can do is...All you succeed in doing really is in disconnecting your phone.

Other tones are required of course to make it..so you can make a call with this kind of equipment. A Blue Box is what sends the tones over the line. All it is is an electronic device that sends tones, not unlike a normal Touch-Tone telephone.

The tone patters are different. The frequencies are different. An ordinary Touch Tone type telephone does not have the right kind of tones. Erm...A blue Box does, and that is what the PHONE COMPANY frowns on the use of.

WILDE: Frowns on!

DRAPER: Right.

WILDE: Frowns on! (laughs) All right, how did you and why did you start using a Blue Box?

DRAPER: Well, I was really...I was really overwhelmed to find that getting into the system was that easy, and there's a lot of interesting computers that you can get into and play with. Er..they've got what they call the Automatic Route and Rate Directory call, that gives the operators a chance to get automatic routing in other words.

And you call into this computer and send it the area code that you are interested in and it will come back and give you the information and routing information, in other words how to route your call to reach different operators.

(More to Come)

DRAPER: And you call up this computer and send it the area code which you are interested in and it will come back and give you routing information as the way to route your calls in that area to reach different operators.

ANNOUNCER: And that's how you know what to use on the Blue Box? --right?in a very basic academic way?

DRAPER: Yeah. It's just a computer and it allows you access to things that you normally don't have access to on an ordinary phone's subscriber level.

Ermm...There's two levels the PHONE COMPANY operates on. One is called the Subscriber Level --That's the level that ordinary people normally have access to. Another level is called Operator Level.

Okay, if you are on the subscriber level and try an operator diallable code, it won't let you go through. But, if you had a Blue Box, you would get past the subscriber level and get the operator level and from there you can dial distant operators....operators in distant cities, and...

ANNOUNCER: Being your own operator!

DRAPER: Basically your own operator! They have interesting codes and things you can dial up. And they have special routing codes. This is how you can route your calls around.

Now, what I was doing, I was just making a study to see what ...see where these codes went, and I was just sort of mapping it out.

ANNOUNCER: Just sort of?

DRAPER: Right!

ANNOUNCER: And you ah...you made a few calls as you were doing it, right?

DRAPER: Well...Yeah.

ANNOUNCER: Well, yeah! Well, let's take a phone call. Line Eight in the South Bay, you are on KGO with John Draper.

MALE CALLER: Yes, I've got a question for John.

ANNOUNCER: Shoot!

CALLER: The new equipment that you are talking about that supposedly detects Blue Boxes rather rapidly...that's been installed in the last month or so. Is that equipment installed in the Central Office or in the...only in the Long Distance Offices?

DRAPER: Er...it is installed between the Central Office and the 4-A. It is essentially an automatic message counting machine that is to tally electronics.

Okay, you have ordinary mechanical Central Office like they used to have, which is the number five crossbar switching machine and you have E.S.S. Well, the ordinary A.M.A. that used to be was like a switching machine. It would switch in your A.M.A. recorder, dial the time and date and time the call was made and that...and ah..note when the call had answered, when the guy had hanged (sic) up, and ah...make out a paper tape, and the PHONE COMPANY takes this and feeds it into the computer and makes your bill out of it.

Now this, this equipment is all electronic. Uses magnetic tape, uses a disc system, the central processor unit and any time it hears this second proceed to send signal, as the result of the operation of a Blue Box, it will switch in a remote type frequency receiver, it will record the tones that your Blue Box generates, (in other words the person you are going to place the call to with the Blue Box) record the date and time, your phone number that the call has been placed from, and whether the fact that it was used... er..the fact that a Blue Box had been used.

CALLER: Hmm.

ANNOUNCER: What if you had been doing it from a pay phone?

DRAPER: It doesn't matter where you do it from...

ANNOUNCER: Yeah, but if they get the number of the pay phone, that's not going to track you down to get your bill.

DRAPER: No, but it is going to cause an instant alarm in the Central Switching Office if this happens and it is going to print out on a typewriter, which is hooked to the Central Computer. It is going to ring a bell. A nan's going to come over there and saying fraudulent call placed from phone number 998----

ANNOUNCER: You mean a man'sOh!

DRAPER: 9999....

ANNOUNCER: Yes.

DRAPER: And the PHONE COMPANY looks up the records, gets the address, calls the police out there. They can have police out there in about five minutes.

CALLER: All right.

ANNOUNCER: If he's at a pay phone then, he'd have to make a quick getaway.

DRAPER: Yes. As far as I know, this equipment was installed about...about a month ago the er...the Bay Area.

CALLER: Yes, well they would need a lot, like thousands of units to adequately...of that equipment to adequately cover all the message in the offices...

DRAPER: No, it's a Centralized Automatic Messages ---C.A.M.A. Cama-C they call it. Cama dash C. I have got the BELL SYSTEM practice manuals on it as a matter of fact. Somebody anonymously mailed them to me. (laughs).

ANNOUNCER: I take it we have someone out there who is a little disappointed about this --right?

CALLER: Well, I don't know...er..I've known John for many years and I was just ah...just curious about this equipment which I felt they would come up with in the future anyhow.

DRAPER: Yes. I recognize your voice there.

ANNOUNCER: What is your name. Could you give your --Did you give us your name at the start?

CALLER: Fred!

ANNOUNCER: Fred. Well, I am sorry if this ah..puts a kink in your plans.

CALLER: Yes. I am not contemplating doing it, but I am serious you know.

ANNOUNCER: Yes.

DRAPER: Yes. You can contact me...

CALLER: Not doing it.

DRAPER: Yes, well you can contact me like, tonight, you know. I'll be home. So...

CALLER: When I called you the last time at home, my phone was like warm for two months! (laughter)

ANNOUNCER: (Laughing) What does that mean? The phone was warm? Is that secret language?

DRAPER: No.

ANNOUNCER: What's that mean?

CALLER: Well ah...

DRAPER: What this means is that any time I get on my phone, I get more like fright talking on my phone than I do talking on KGO.

ANNOUNCER: Why's that?

DRAPER: Because of all the people listening in on my phone line.

ANNOUNCER: People are?

DRAPER: Oh, like the F.B.I. and, you know....

ANNOUNCER: Still?

DRAPER: Oh I don't know whether they are now, but I have an inside joke about this.

ANNOUNCER: Oh, I see. All right.

DRAPER: Yes.

ANNOUNCER: Well, I am glad you let the rest of us in on it!

(COMMERCIAL SPOTS)

ANNOUNCER: We are talking to John Draper. He is known as Captain Crunch. How did you get that nickname? Why would they...why Captain Crunch?

DRAPER: Okay, Captain Crunch came from a whistle that...

ANNOUNCER: Oh yes, I remember. Yes!

DRAPER: ...that used to be in the cereal packages.

ANNOUNCER: He was a cartoon character wasn't he?

DRAPER: Yes, he was on a cereal box. Captain Crunch cereal! Yeah.

ANNOUNCER: Ohhh. Didn't they have a cartoon of him or something on it?

DRAPER: Something like that on it. On the back side, yes.

ANNOUNCER: Right.

DRAPER: And it came...They had a whistle in the box... you know, an old penny whistle and it just so happened that with a little glue job and the whistle --cover the little holes and it would blow at 2600 and the...

ANNOUNCER: (Laughs) I can't believe it!

DRAPER: That was a long time ago!

ANNOUNCER: I wish I could get it all in on this with you and that it wasn't too late because I just love stuff to do with the PHONE COMPANY and the power company drives me up the wall anyway.

DRAPER: I'll bet.

ANNOUNCER: Drove me absolutely nuts! Do you know...Well, of course you do know....Maybe we can talk about it for a second before we go to the news. And, incidentally, for anyone listening and callers who want to call, John will be with in...with us in for the next hour...er...right up until four o'clock. So..get on the line!

THE PHONE COMPANY has taken somewhat of a disliking to people who have, you know, automatic answering services. machine...you know, tape recording answering services.

DRAPER: Oh, they have?

ANNOUNCER: Yes, they are not too keen on that. They feel that when you....er..They don't mind them ...They don't mind the answering service, but they feel that instead of you taking...and even I...and as I said I have no kind of electronic brains at all... but when you take the minute or the minute and a half to hook up a green wire to a green wire, a red wire to a red and screw a little thing in the wall, that they think they should charge you between \$22 and \$50 to come out and do that for you...

DRAPER: Right. Yeah. Well...I think their main concern is is that if you hook things to the phone line, you ah...unequal voltages or that, their new equipment goes haywire and it starts getting into the PHONE COMPANY because it can put their equipment out.

And, their concern about people hooking things to the phone line is that it can cause damage to their equipment. Especially with this new E.S.S. electronic equipment that they have. Its a little more fragile than the old fashioned mechanical kind. It uses electronic components that can sometimes not be so forgiving on your voltages and you can burn things out. And they are really concerned about this.

They want you to of course rent the equipment from them and its another....money making scheme of course.

ANNOUNCER: A money making scheme! I know that...

DRAPER: Of course!

ANNOUNCER: I know that but frankly, John, you would know and I would not know....

DRAPER: Yes.

ANNOUNCER: But I can not believe that a little...er..well a brand that comes to my mind right away is Phone Mate, but there are other good brands too. That a carefully made machine like that could ...that sticking two little things in the wall is going to hurt their equipment! I mean am I right or am I wrong?

DRAPER: You're right.

ANNOUNCER: I thought I was right. I feel I was right. But now something has come down, I just heard it on the news and the other day I only heard half of it. I just got in on the end: that the F.C.C. has said that they can't charge people for connecting their own wholly owned answering...mechanical answering services?

I didn't hear the whole thing so I am not sure whether that's correct?

DRAPER: Well, there was some proposal in the works about a proposal of the F.C.C. whereby they are a little more forgiving as to how you can hook up to the phone line. I think that your answering equipment if it connects directly into the phone lines now has to be type approved....

ANNOUNCER: Yeah. Yes. I ...that part is true.

DRAPER: Er...not by the F.C.C. but by the P.U.C. That's the way it is...right.

ANNOUNCER: Right. That part is true. Hey, we have to go to the news. We'll be right back with John Draper. If you are on the line, stay there. If you are not, get on the line and he will answer all of your questions.

(NEWS BROADCAST AND SPOTS)

ANNOUNCER: Computer criminals is a whole new breed of criminals and we'll ask John Draper is he a criminal and (words not audible. Lost in music)....

Okay, Marty Shawl back with you on the phone lines today and my guest is John Draper. He's better...He's better known as Captain Crunch.

DRAPER: Either way. It doesn't matter.

SHAWL: As you are probably aware, there is a whole series of articles about ...out a last couple of weeks in the Chronicle.

DRAPER: Right.

SHAWL: Yes. About computer criminals.

DRAPER: Right.

SHAWL: Yes.

DRAPER: As part of that there was a little spread about me that was just part of the electronic counterculture as they sometimes call it.

SHAWL: Yes.

DRAPER: And uh...That's just one of many articles that have been coming out. In fact, I think it's still on. I am not sure.

SHAWL: Do you consider yourself a criminal? I mean you went to jail....

DRAPER: No!

SHAWL: You don't?

DRAPER: No!

SHAWL: What...er...Why did you go to jail, specifically?

DRAPER: I think...I think the Government had to prove a point. I think they did it as an example. ...to discourage other people from doing it.

SHAWL: What...What were your specific charges?
On what grounds were you sent to jail?

DRAPER: Toll fraud!

SHAWL: Toll fraud....From the Blue Box, then?

DRAPER: Right!

SHAWL: But there are som many other people who do the same
thing....

DRAPER: Exatcly!

SHAWL: Do they not know who they are?

DRAPER: Actually...Actually it was a legal technicality. Half of it was for toll fraud. The other half was for er...for probation revocation. I was formerly on probation from a former charge that I had been charged with and in 72.

SHAWL: Having to do with the same thing?

DRAPER: Right. And ah..they revoked my probation and that's the reason I had to go back.

SHAWL: Did you ever pay...Did they ever ask you to pay
the money?

DRAPER: No! But if they would have asked me, I would have
paid it.

SHAWL: Well, couldn't you have volunteered to pay it, because
you've

DRAPER: No.

SHAWL: Oh!

DRAPER: I could not.

SHAWL: There was no reason to...right?

DRAPER: Right.

SHAWL: All right...Okay. The lines are beginning to go but in the City 478-3456, and you can get through there. In the East Bay, one line open: 832-9707 and a line in the South Bay at 272-1233

Line Four in Marin, you're on KGO with John Draper!

MALE CALLER: Hi, John. Good afternoon!

DRAPER: Hi!

CALLER: I...I wanted to ask you about a particular device that I heard advertised here in California for a while that I have not been able to track down. The way it worked was, it was a device that gave you an L.E.D. readout, depending on where you put the machine, that told you who was calling you.

DRAPER: That was supposed to print out the phone number of the person calling you.

CALLER: Correct!

DRAPER: That is a fraud.

CALLER: Pardon?

DRAPER: That is a fraud.

CALLER: I was wondering if you knew about the device and if its possible. In other words, can I hook it up , a device like that, to my phone lines...er...to get that phone number....

DRAPER: No.

CALLER: No?

ANNOUNCER: No, he can't legally or no, it won't work?

DRAPER: Both.

CALLER: Is that right?

DRAPER: Umm.

ANNOUNCER: Wait a minute, you think that there is a way that if your phone rings that a number will print out so that you will know at least who...

CALLER: I am sure that I saw the device somewhere!

DRAPER: I know.

CALLER: You know.

DRAPER: I know what you are talking about.

CALLER: It was a little box and it had an L.E.D. readout and er...when someone...when er...your phone rang, it would run back down to the line and er...print out....

DRAPER: Let me ask you a question.

CALLER: What?

DRAPER: Let me ask you a question.

CALLER: Go ahead.

DRAPER: How c-uld it run down the line and find out what number it...you know...what number had called you. How could it do that?

CALLER: Yes, well, what I was thinking was, it would go back to er...if...somewhere down the line there's a device that knows what phone number, you know --particularly if someone's calling you long distance.

I forget how er...how to phrase the question...Certainly the phone Company knows if I'm calling er...to a different area code than the area code that I am calling.

DRAPER: Som...right.

CALLER: Somewhere that is ah...being printed out or being placed in a computer memory and if I dialled the number, or anyone dials that number, and this device purportedly was ah...to retrieve that information and to give it to the person who is being rung.

DRAPER: Right. Now, they don't have that capability, yet. However, with the new Electronic Four-E Switching Office that they are installing all over the country, It is that specific item...ah... it will be possible to hook this kind of equipment up, especially with the CAMA-C and the 4-E's

The 4-E's can query the CAMA-C for your number.

CALLER: Right.

DRAPER: And the 4-E will then use the high speed data link

CALLER: I thought this was already happening...

DRAPER: No, it's not going to happen yet for another five or ten years.

CALLER: Oh.

DRAPER: There will probably be a whole lot of laws governing that too. Because ah...

CALLER: How come the TELEPHONE COMPANY...I have the schedule from New York that they have the equipment to do it.

DRAPER: They don't have it in all over the country yet. There might be just a few very small rural areas that are...they are working...

CALLER: You know, maybe it wouldn't happen until you pick up the phone, but if the line was open and through, it seems to me that this would be a good thing to ah...to ...'

ANNOUNCER: Why would it matter to know who's calling you when you picked the phone up? Wouldn't the high speed readout be beforehand?

CALLER: I can think of 40,000 applications to know who is calling you.

ANNOUNCER: Yes.

DRAPER: Yes. But...

ANNOUNCER: However, once you pick up the phone, you are saying hello at that point. What's the difference?

CALLER: At that point? You know exactly what area code, from what person...from what number....

ANNOUNCER: Now what ...Now wait a minute: from what person? I can see you might get the number but how would you know from what person?

CALLER: Well...

DRAPER: That's true. You can't know...

ANNOUNCER: You'd never know what person.

CALLER: It doesn't depend on what person, but it would ah.. I could guess.

ANNOUNCER: Only the few numbers or...

CALLER: No. You would know exactly. Ah..Nationally, you wouldnt know what person but you would at least be able to track down

an address and the people....

DRAPER: Well, the people that want...

CALLER: I...I used to be involved in telephone sales. Er.. where we paid many New York officials to give us lists of the people here in California....er...and it didn't matter whether you wanted your phone listed or unlisted...we received the reams of listings.

DRAPER: See there's this privacy invasion law too that can probably ah...that will probably be passed in the future about this.

ANNOUNCER: You mean that...

DRAPER: Yes. That would protect your privacy.

ANNOUNCER: And you could look them up...

DRAPER: Yes, without them knowing who you are. But then again, there are these prank callers and they usually have large companies will probably use these devices. So does the Police Department. Also the government! Agencies and people like that. The ones that really want to know.

ANNOUNCER: I don't really see an advantage of having a number pop up in front of you when your phone rings and you know the call's coming from that number because the only ones that call, you know, your friends you would know immediately that that's their phone number. So, presumably that is the one that's calling you.

I don't really see what that would do for you.

DRAPER: True. true.

ANNOUNCER: Line...Yes?

DRAPER: That would be an invasion of the person's privacy who is calling you.

ANNOUNCER: It would seem that way to me too. Line six in the East Bay, you're on KGQ/

WOMAN CALLER: Hi!

ANNOUNCER: Hi.

CALLER: I've got a question. I've just tuned in and I think this gentleman can help. I have been having a nuisance caller for about ten months and the PHONE COMPANY asked me to log the calls, which I've been. But I haven't done anything with it because they said I have got to sign something that says they can put a tap on my line and find out who it is and if ...I'm afraid if I sign it it gives them a permit to tap forever.

And I don't want that! But isn't it important that I know who is calling if the person doesn't speak?

DRAPER: Okay, let me explain what is going on.

CALLER: Right.

DRAPER: Ermm..if you have people calling you as a prank call, you contact the TELEPHONE COMPANY's Security Office.

CALLER: Security Office?

DRAPER: The Security man at the PHONE COMPANY..

CALLER: The Security Office.

DRAPER: The Security Office is I am sure is in San Francisco and I know for sure there is one in San Jose. Ermm...what you do is: you tell them your problem and they will put a device on your line called the trap.

CALLER: Oh, a trap?

DRAPER: What this does, is when a person calls you, you are supposed to log the time and date that the call had been received on this piece of paper. And what they do is: any time anybody calls that number and it drops a trouble card, printing a line location.

CALLER: Uh-huh.

DRAPER: From where the call had been placed from (sic).

CALLER: But not the number?

DRAPER: Not the number. No. But the line location will tell the TELEPHONE COMPANY whether it came in from out of town, whether it came in over at the Bush Street Office in San Francisco or wherever it happens to be.

CALLER: Oh.

DRAPER: So, and from that point, the second time the call comes in, then they can peg the number.

CALLER: All right! Ah. You...

DRAPER: But you are going to have to cooperate with them and be very accurate on your logging of...

CALLER: I've got that. I've got calls logged for two weeks but I was afraid to mail them into them because I didnt know if the device they put on the phone would be there forever.

DRAPER: No, it won't be!

CALLER: I see.

DRAPER: One thing: once you give them the information, they'll take this information and they'll try to ah...they'll try to ah...

CALLER: Find out who!

DRAPER: Yeah.

ANNOUNCER: That way, then they aren't listening in then on her phone? They are just doing something to try to show where its coming from?

DRAPER: Right.

ANNOUNCER: But it's not a bug in the sense that most of us think of when we are listening....

CALLER: Well, it wouldn't do any good to listen, because the caller never speaks.

DRAPER: But...

ANNOUNCER: Yes, but if there was a bug on your phone, then I would assume that all your other calls would also be monitored.

CALLER: That's what I was afraid of!

ANNOUNCER: Right!

DRAPER: That's why you have to log all calls!

CALLER: Ahhh.. Well, I've already done that. Maybe I should mail it in.

DRAPER: Yeah, you should.

ANNOUNCER: Okay, thank you for calling. We have our lines open in the East Bay: 832-9707. Line Eight you're on KGO!

MALE CALLER: Hi, this is Mike!

ANNOUNCER: Yes, Mike?

CALLER: I just wanted to say a few things to help substantiate John's point of view on it. Not only in the last month, but in the last ten years, how positive the TELEPHONE COMPANY has been in tracking down people, that have -quote/unquote "ripping them off".

Or whatever. My brother was involved. It is almost nine years ago, with a something along these lines with the TELEPHONE COMPANY and it took them something like six years to track him down and prosecute him on this charge, for telephone defraud or whatever, I don't remember the exact charge.

But...It's like John says. even for the people who go back into the old ah..credit number scam, the period in the sixties....

ANNOUNCER: What? Credit cards, you mean?

CALLER: Yes! Right.

ANNOUNCER: Let's talk about that.

CALLER: They are still in the process now of tracking a lot of those people down. . They have located a lot of people out there that were involved in it. And that's basically all that I wanted to say.

DRAPER: Yeah. Well if you right now, let's see. If you, back in 1972 made a phoney credit card call and ah...you made one or two calls, on that, the PHONE COMPANY would call the person that you had called, and try to get the information out of them as to who placed the call.

Because, first of all they have to be able to do that before they can press charges.

ANNOUNCER: Fine.

DRAPER: Okay. And recently, I'd say around 1963 or so up to the current, they have a computer that when you make a credit card call the credit card is actually registered in this computer. The operators key up this number in the computer and it would be either a visual okay or a visual denial.

Sometimes there is a number that they call that will give a vocal response showing the operator whether it's a valid or invalid credit card.

It's the policy of the PHONE COMPANY to go ahead and place the calls and then, after the parties have been talking on the credit card, the operator goes off the line and checks the verification of the

credit card. If the credit card turns out to be invalid., what they were, back in 72 trying to do, is try to prosecute the people doing it.

Well, their policy now on that is somewhat changed. As far as I know, if the credit card doesn't show good, and then somebody tries to make up a credit card by using the code that they sometimes publish in the underground papers, (laughter) the ah...oh they still do that!

ANNOUNCER: All you have to do is to get somebody else's credit card number!

DRAPER: Yeah. Overhear somebody talking at the airport of whatever...

ANNOUNCER: Yeah...right! I mean I'm always very careful when I give my number at a pay phone.

DRAPER: Right.

ANNOUNCER: I kind of whisper it, you know...

DRAPER: Right. yes.

ANNOUNCER: Because then they can just take it down.

DRAPER: Yes, I know. Anyway, if you do this and the card turns out to be invalid, the operators now, as far as I know, are instructed not to place the call.

not

ANNOUNCER: They will/place the call, because I know a couple of times I have given my own phone but an old credit card number....

DRAPER: The last year or so...

ANNOUNCER: I have given mine last January and the time has just passed and the new card hasn't come...yet. And they will immediately say: "I'm sorry, that's no good." But I say but it is and its mine and they say, well, you should have a new one by now! I don't! Well, then, too bad.

DRAPER: Well, sometime at the end of ah..the end of December or so, they are supposed to come in the mail and I think you have until the 15th of January or so. Its an agreed period where she'll accept both.

ANNOUNCER: Oh!

DRAPER: There's a week's grace period after that.

ANNOUNCER: Yes.

DRAPER: After a certain date...I don't know what that date is, then she won't accept the old one.

ANNOUNCER: Now, what about people...Now this isn't very electronic, but I am wondering why it is so easy. You can go to a pay phone and you can say all right operator I want this call placed..charged to another number , want the charges for this call put on another number.

DRAPER: Uh-huh.

ANNOUNCER: Now, in Nevada, you can not do that! And no matter if you are at a pay phone they won't charge it to another number. If you are at a residence phone, they will. Or a business phone. But not a pay phone.

DRAPER: Hmmm.

ANNOUNCER: But, in California I have noticed, you can go to a pay phone and you can say I want the charges of this long distance call on another phone and they say fine and take the number . Now what's to stop someone from giving them a phoney number?

DRAPER: Well, if you ah...have placed the call that way, what the operators generally do is they'll call the number that you are billing it to and ask the party that answers, if they answer, whether or not that person really is valid. You know. Like, they'll say: they will ask you for your name and you will give them your name....

ANNOUNCER: But they don't!

DRAPER: Sometimes they do. Sometimes they don't. it depends on how busy they are.

ANNOUNCER: I was..you know, I've read a great deal about fraud that...

DRAPER: Right. Right...

DRAPER: Right, but...

ANNOUNCER: They got....

DRAPER: Well, what happens then is they will catch you for doing that because they know and they have record of the phone number that you are calling, so that the person that y-u are calling ah... can be questioned by the PHONE COMPANY's Security Agent.

Or....you know....

ANNOUNCER: Yes?

DRAPER: Well...

ANNOUNCER: Do they really go to all that trouble?

DRAPER: Oh yes!

ANNOUNCER: They really will?

DRAPER: Oh yes.

ANNOUNCER: Was that fellow right when he said that if you done it in the sixties that they are still going to get you?

DRAPER: No. I don't think that they really worry about that now. Their main concern is the use of Blue Boxes. That's their main concern. A lot of information came out, partly because of my bust, partly because of other people, partly because of publicity on it and things like that.

If the PHONE COMPANY would keep things a little quieter, and ah...and ah...than the publicity generated in my case back in 72... you know...could have been kept really quiet and kept out of the papers, you know, and that was it.

And all of this information would not have leaked out. But, once the media got a hold of it, a little information slipped by --and that's what started it all.

ANNOUNCER: And you did not...

DRAPER: Articles...publicity.

ANNOUNCER: They wouldn't be getting any publicity, you mean, it was strictly the PHONE COMPANY?

DRAPER: Well, what happened: the F.B.I. made the press release with the infamous Captain Crunch suspect back in 71...as per the Esquire article that came out.

ANNOUNCER: Right.

DRAPER: That made big news! After that, the publicity just started to escalate...

ANNOUNCER: When you just said you just did not consider yourself a criminal and yet what you were doing was illegal and you were defrauding a company....

DRAPER: Right.

ANNOUNCER:money that they would be due for services rendered, right?

DRAPER: Well....ah...again if I had not had that capability, I would not have made the call anyway and the equipment : it doesn't cost the PHONE COMPANY any more money whether the equipment is used, than it does if the equipment isn't used. In fact, electronically, theoretically, it costs them less when a trunk is in use than it does when a trunk isn't in use, because when the trunks are in use, it takes energy to send the signal back

ANNOUNCER: Now, wait a minute! Hold on! That theory is the same as saying: if I steal a loaf of bread from the store, I wouldn't have gone in to buy it, so I will steal it and ah...it is not going to be any different and it will just go stale on the shelf anyways, and its better if they keep their inventory kind of cleared up.

DRAPER: Well...

ANNOUNCER: I mean you are still stealing something.

DRAPER: Well, that's sort of...Yes. That's true. You are still stealing from them. And...I dunno. The whole thing is really on ...really kind of shaky, you know. It's got its advantages and its disadvantages both ways.

So, you are not using the circuits, and a lot of us phone freaks when we were playing on the circuits way back when, we contacted the PHONE COMPANY engineers if we found a circuit that was not working. And we would report it to them.

ANNOUNCER: Did you?

BRAPER: Oh yes!

ANNOUNCER: And what did they say?

DRAPER: Well, we would have to do it in such a way that they would not recognize us phone freaks. We would tell....We would tell them

that we were from a distant switching office or something like that (laughter) and say "We've got a trunk hung up here. You guys had better check into it because it really works bad."

ANNOUNCER: Really?

DRAPER: And we do this all the time! And ah...because we use the circuits more than a lot of normal people use.

ANNOUNCER: And you are still playing around with them?

DRAPER: No. Not any more. About the only....I'm not doing anything at all....on the phone as far as making free calls, but I do get a lot of people calling me, but I don't have to really place any calls.

ANNOUNCER: Oh..callers to you, but maybe they are not quite paying the full rate?

DRAPER: I don't know how they are calling me...

ANNOUNCER: Ah!

DRAPER: And I have no way of finding out. Although I can sometimes tell if they are calling me on a strange circuit, if it sounds unusually noisy. And if they sound unusually weak, I will question their method of calling me (laughter)

However, I would advise them if they are using a Blue Box. Don't do it, you know.

ANNOUNCER: Right.

DRAPER: But, I can't control what people use to call me.

ANNOUNCER: Okay, John. We got the message! And we've got to get to these phones. Both boards are jammed.

(COMMERCIAL SPOTS)

ANNOUNCER: Okay, John we want to get to the telephones but you want to mention your phone number.

DRAPER: Yes. Ah...I think what I want to do is, if anybody out there now wants to get a hold of me that can't get through to me on the air, because it appears that a lot of the lines now are busy...ah.. can reach me after I get off the air at home almost any time.

I have an answering service. I would like to give that number over the air and have people call that number if they want to talk to me off the air, to get any information from me regarding you know, the use of a phone, or any more information on ah...on how not to get caught. And things like that.

ANNOUNCER: Wait a minute! You can't ...

DRAPER: No, I can't give that. No. I'm not going to advise people. What I'm going to try to do is, I'm going to try to give them more information that I didn't cover on this show today.

ANNOUNCER: Okay.

DRAPER: Particular questions.

ANNOUNCER: The point being you are not, are you, going to tell them how to...

DRAPER: No.

ANNOUNCER: How to be a criminal and not get caught?

DRAPER: I am not.

ANNOUNCER: Are you going to advise them how to be a criminal?

DRAPER: I am going to advise them very strongly to get rid of their Blue Box.

ANNOUNCER: Okay.

DRAPER: Right.

ANNOUNCER: Go ahead and give the number of the phone.

DRAPER: Okay. 965-1557 in Mountain View. That area code is 415

ANNOUNCER: Okay.

DRAPER: 965-1557. You can catch me at home also. Any time in the morning between 8 and 10 at 96....

ANNOUNCER: Do you want to do this, really?

DRAPER: Sure, why not?

ANNOUNCER: Okay, go ahead!

DRAPER: I mean it brings....

ANNOUNCER: Go ahead!

DRAPER: Anyways...

ANNOUNCER: Go ahead!

DRAPER: 964-7911

ANNOUNCER: All right, you did it! Line five you're on KGO!

MALE CALLER: My name is Bruce.

ANNOUNCER: Yes, Bruce?

CALLER: Yes, John!

DRAPER: Yes?

CALLER: Yes! Erm...yes...what you said a while ---Er what was that 964 number again?

DRAPER: 7911

CALLER: Is that your work number or what?

DRAPER: That's where I live.

CALLER: Oh! Okay. Yes, its been my personal experience that erm...as long as there's nothing you connect like an extension set or answering unit or something and as long as its not causing actual damage to the line, they're not going to bug you! That's been my....

DRAPER: That's true! But if you put loud signals into the line...

CALLER: Right, they'll jump pn you!

ANNOUNCER: But, Bruce, they are going to bug you --if you will forgive the expression---if they happen by accident, just by accident, not because you are ..er...what you are doing is generating anything up,

but if by accident they found that you had equipment. Such as as you. If you had an automatic answering service.

CALLER: Uh-huh.

ANNOUNCER: And having nothing to do with the service, but if you happen to report that your line was out of order. So, in their attempts to repair your line, they happen to discover that you have an answering service. They'll bug you!

CALLER: Okay. Now, let me tell you something else.

DRAPER: Or they'll blame it on the answering service.

ANNOUNCER: Well...even, er...even not that. They'll say the problem is here in the terminal or whatever and say Oh, by the way, we noticed that you have.....And there you are!

CALLER: Uh-huh. Oh --yeah. I see what you are getting at. Something here that I've been getting into phones as a hobby for almost a year and a half now and let me emphasize that I am not into Blue Boxes, neither do I want to be.

DRAPER: That's good!

CALLER: Thank you. And er...oh, I know what I am doing with the stuff. I have several manuals for I T & T Equipment and...

DRAPER: Are you familiar at all with call diverters and watts extenders?

CALLER: I am familiar with call diverters. I am not sure what a wats extender is. Though I know area wide telephone service but I am not sure what a wats extender is.

DRAPER: Ah..I'm interested to find out exactly what the tariffs are on that.

CALLER: Well, I can't help you on that.

DRAPER: Mmm...

CALLER: I have another question for you.

DRAPER: Yes?

CALLER: I saw the article in the Bay Guardian on you and it had something in it about what they call computer freaks. I think they are called hacks.

DRAPER: Oh yes. Computer hacks.

CALLER: Right. And the point about the secret (word garbled because caller laughs as he speaks) just cracked me up.

DRAPER: Yeah. You know, speaking of your computer hacks, and I definitely do want to get a little bit into computers and also into counter-surveillance as well. I might turn you on to a computer club meeting in the Palo Alto area that meets every other wednesday at the Stanford Linear Accelerator Center....

CALLER: Oh...ah?

DRAPER: It starts at 7;30 in the evening. They had a club meeting last Wednesday and in about another two wednesdays they'll have another club meeting. For more information, you can contact the Stanford Linear Accelerator Center.

The main numbers during the day and I believe they have it now scaled as a fully scheduled sanctioned thing.

CALLER: Yes, I was considering making my own mini computer but the cost at this time is prohibitive. I have my own computer myself and the CRT terminal alone, that would run me upwards of \$4,000...

DRAPER: Yes, but I have mine hooked up to my ordinary TV set and...

ANNOUNCER: But what good....What does it do?

DRAPER: Anything I want it to do!

ANNOUNCER: Well, like what?

DRAPER: Well, I rather...

ANNOUNCER: In language for the people so they will know what the purpose is..

DRAPER: Well, I use the computer to do ah...to do calculations, for instance. I can run programs through a very complex mathematical calculation. I use it now to control my telephone...

ANNOUNCER: Control it in what way?

DRAPER: Well, I type in the name of the person that I want to talk to and it dials the number for me.

ANNOUNCER: Oh? (laughs) It does? --really? Super!

DRAPER: Yes!

ANNOUNCER: Super!

DRAPER: Not only that, but if the number is busy, it will just keep trying until it gets through. And it beeps a little speaker beeper for me and lets me know. That way, I can sit there working on a program doing something else and not be bothered having to reach over to the phone every five minutes to try to contact my friends.

ANNOUNCER: Did you put this together yourself?

DRAPER: Yes, I programmed it. Yes.

ANNOUNCER: Line eight in the South Bay, you're on KGO.

MALE CALLER: Yes, I want to talk er..about a method..a matter that I was involved in six years ago. I was living in Los Angeles and I met a girl living in San Francisco and she told me she had a friend at the phone company and that she would call me collect and that I had to accept the call, but then I would only be billed for the tax of the call, not the call itself.

Sure enough, she did this and we talked for about two hours and I was leery of it. But, at the end of the month I only got the bill for the tax. How is that accomplished?

DRAPER: She must have somebody that works in the PHONE COMPANY that ah...makes ah...adjustments on the bill. And of course if the tax is paid, then the PHONE COMPANY can't get any hassle from the government or the state.

ANNOUNCER: But, if there's a record of the call to begin with, why wouldn't.....If there's no record, then why would they need to pay any tax? And if there is a record, why wouldn't the bill have to be paid?

DRAPER: That's a good question.

ANNOUNCER: It doesn't make any sense to....

CALLER: I have talked to people within the PHONE COMPANY about this thing and nobody has been able to tell me how this bill was accomplished.

ANNOUNCER: It doesn't make sense to me. Either you are going

to have to do away with the record of the call, altogether, or to charge for the call. I don't understand just charging tax.

CALLER: Er...one other thing I would like to ask you. Er..I was involved in this thing where we were getting ah...bothering phone calls from this company. And, the TELEPHONE COMPANY installed a device which they said when the phone call comes in, simply don't hang up and it will hold the line open.

DRAPER: Uh-huh.

CALLER: Er...and that was all okay except that when we did this, the answer was that the phone call was from out of town and since it was out of town, they couldn't trace it. And that seemed to me to be absolutely absurd.

DRAPER: It is a little more difficult to trace a call out of town, than there is tracing a call coming in from some local source. However, it's not that difficult. It just means it's going to take them about five....five extra minutes to find what city it's coming from and probably another two or three minutes to find out what central office it's coming into in that city.

ANNOUNCER: That's....er...If he doesn't hang up...If he didn't place the call....

DRAPER: No, they just hold the line open, that's all...

ANNOUNCER: Yeah.

DRAPER: Of the person who calls him.

ANNOUNCER: Yes, but but..I thought that the only way not to disconnect something was for the caller to ...he doesn't hang up.

DRAPER: Uh-huh.

ANNOUNCER: Is that true?

DRAPER: Well, if the caller hangs up the line will still be on hold...

ANNOUNCER: Really?

DRAPER: Yes. If the caller is calling from the same central office.

ANNOUNCER: Oh...my reason for saying that is that if I call someone.....

DRAPER: Yes.

ANNOUNCER: And they say "Wait a minute and I'm going to go to my other phone and they hang up their first phone, and walk into the other room and pick up the phone, the first call will still be there.

DRAPER: Yes, but...

ANNOUNCER: But if I hung up....

DRAPER: Yes, you've got about ten seconds to do that, by the way!

ANNOUNCER: Have I? Is that all?

DRAPER: Yes.

ANNOUNCER: Oh, I thought it was....I thought it was just

DRAPER: It depends on the extension and it depends on the exchange.

ANNOUNCER: No. We have two lines open in the South Bay: 272-1233 and one in the City: 478-3456. Line seven, you're on KGO with Captain Crunch.

MALE CALLER: Hello Captain Crunch. I've read your article in the ah...in the Chronicle. And I really have to say that I commend your creativeness. And I am not saying that what you and I guess other computer...they call them computer criminals ...experts or phone freaks are right. But, my thing is that it's important that everybody's minds... peoples minds continue to grow as we go further into technology.

You know, you have got to find a way of beating the computer. Which means...er...To me it's great because it means that we are so close now to the computers running our lives, that it's making it virtually impossible for us to do anything.

And, I wanted to commend you on that. Now, a question I wanted to ask was: do you have problems now with the F.B.I. keeping tabs on you?

DRAPER: No.

CALLER: Because of what happened with the telex?

DRAPER: No.

CALLER: And er...The thing I also wanted to ask about was that credit card phone calls. Er..I have had an experience like that once where it was going to a college. Essentially an all girl college.

They had a phone system a kind of system where if anybody ...like a buddy system, where if one girl answered the phone in the hall and get the girl to the phone to get the call. And usually one of the girls was using their Dad's credit card number.

It so happened the girl was monitoring the phone call for the night jotted down the number and in the period of three days, that credit card number was over nine campuses.

DRAPER: Umm...I know. (laughter)

ANNOUNCER: Oh (laughs)

CALLER: And when the father got his bill it came to something like \$2400.00 And, you know, we were all shaking, you know, because like it was like a small group of us that knew it.

But, people just passed it on and passed it on and passed it on and it just got out of hand. But as far as the (word inaudible) thing, when they realised the card was hot, you know, they would keep the line open. And I remember one night being down in school, and I got the name and address of the guy and who they ..who the guy was and ...you know, because they ask you the question: what's your name, where do you live, what do you do etcetera. when they think its something phoney. And that operator kept that line open for about eight hours. And, every time I would pick it up she'd say: "Give me the number, Sir, where you're at? This is not the right number!" Er...

DRAPER: Yes.

CALLER: And it was kind of a scary thing...

DRAPER: Yes. You know they don't know the number...Some operators don't know the number you are calling from in certain cities. That must have been one. But, around here, like when you make a call to an operator....

ANNOUNCER: They know!

DRAPER: They know.

CALLER: They do?

ANNOUNCER: Oh, believe me they know!

CALLER: Yes, like, because i gave them ...It was in a small town, like, I gave them the number of another pay phone that was maybe two miles away. I kept getting: "Sir, this isn't the number."

So, she stayed on eight hours and what I did in the end on the phone, saying: "This phone is out of order. Do not touch!" (laughter) They were watching it for about....

ANNOUNCER: But we're...

CALLER: That's about it. But, you guys keep it up.

ANNOUNCER: Keep....Keep what up? That's what I want to know. Erm...There are points. I don't even know the difference ...I guess it has to do with what computer centers are in what towns...

DRAPER: Uh-huh.

ANNOUNCER: Where they know what number you are calling from and where they don't...

DRAPER: Right.

ANNOUNCER: But, if they don't know, can't you give a number --- I'm not trying to advocate this---but if the prefix in your area was 323

DRAPER: Yes.

ANNOUNCER: And your number was 1234. If you said 323-1243

DRAPER: Uh-huh.

ANNOUNCER: Wouldn't that be close enough that it would be, like logical, because you are ...because of where you are calling from?

DRAPER: Sure! They would think that that's your number, unless they think you have a reason to suspect it otherwise. If they don't have the equipment that will display your number, you know.

ANNOUNCER: Don't most places, by now, have that?

DRAPER: Erm...Not all.

ANNOUNCER: All right. We want to get back to the phones, and we will in just one second. We have one more number in the South Bay at 237-2123

(COMMERCIAL SPOTS)

ANNOUNCER: Okay, John Draper our guest and I erm...I am trying to get to as many of these callers as I can, but I also want to know about your interest in counter-surveillance.

DRAPER: Right.

ANNOUNCER: Uh-huh.

DRAPER: Let me go through some of the things that....What I'm trying to do now is to educate the average person out there, what they can do to prevent unauthorized wiretapping and surveillance. They think they ..might be getting into...that they think that might be happening to them.

ANNOUNCER: Why would it be happening to you, as you put it: the average person out there?

DRAPER: Well, who knows? Somewhere, somebody...the government might, you know, put a tap on somebody's line and put a bug in somebody's house and maybe make a wrong judgement. A lot of information that that bug's picked up. Maybe not be held in court but just the same it's getting out.

ANNOUNCER: Right.

DRAPER: Okay. One of the things that you can do is use an ordinary TV set to pick up any kind of bugs. And the simple thing to do is to take your pair of rabbit ears on your TV set and hook it into your... hook it into ah...into a long lead-in and just walk around the room with this lead in and hook it up to a pair of rabbit ears and smooth it around the walls and look for interference on your TV screen channels.

You always want to work on the upper channels, or UHF channels er...between channels 14 and 83 and ah...start at the top end and work

your way down. Find your spot on the TV channel that ...dial.. wheres you don't get any interference....from another TV station and just move it around and look at the picture and if you see any kind of cross-hatches on your picture, because if you do, there is a good likelihood that that there's a transmitter somewhere in there or a source of interference.

ANNOUNCER: But you can get a bad picture by moving rabbit ears around.

DRAPER: Sure.-

ANNOUNCER: Pictures are easily ...and it doesn't mean anything.

DRAPER: Well, if you tune your TV to off station, where you don't pick up anything, you get the snow on your TV screen...

ANNOUNCER: Yes.

DRAPER: That's what you should look for. You should keep the snow on your TV screen...

ANNOUNCER: Oh...

DRAPER: And then take the...Once you get the snow, then move the antenna around until you don't get the snow. Then, if you don't get the snow, there's an interference source coming from that area.

ANNOUNCER: Oh. Yeah. All right.

DRAPER: That's step one. The government and the embassies use the microwave bugs that you have been hearing about in the papers a lot. It seems that the embassies are concerned about microwave radiation, bombarding them.

You've read about this in the papers. These microwave signals are used to activate microwave bugging transmitters. A good way to detect this is with a fixed t...six transistor radio tuned to the lower end of the AM broadcast dial. You get a real kind of a staticky noise.

With a piece of tinfoil, you move the tinfoil around the radio, and you hold the tinfoil and the radio about six inches apart, and you rotate the tinfoil by keeping the radio stationary in one spot.

If you get a sudden increase in noise, it seems to be very permanent, there seems to be a good likelihood that there is a strong microwave field between the tinfoil and your radio and it could

not pinpoint exactly where it is coming from, but it would give you a general area. And if it seems to be coming from, like, outside a window ---Like if you are next to the federal Building and you are an attorney. (laughter)

ah...and you find it coming from the general vicinity of the Federal Building...

ANNOUNCER: What..

DRAPER: Then...

ANNOUNCER: You are incredible John!

DRAPER: You can generally assume that there is some listening device, some one that's tuning in on you. Okay. Other techniques of bugging are micr....are laser beams.

They'll aim a relatively ah...high powered laser at a window and the laser beam will reflect off a glass, and the window acts like a big microphone. And the conditions to be able to work this have to be ideal...have to be pretty ideal.

But ah...while I was in Lumpoc, I did a lot of research on this kind of technique and it definitely is ah...a bad way of bugging. But, it is being used, and to detect it, all you need to do, is to go down to your local radio store and buy a photo-sensitive diode, hook it to a meter, and hook it up to a parabolic reflector and you can just move it around the window and if you pick up any indication of light...

The best time to do this is in the dusk and early evening hours when the light is kind of diffused and its all sort of the same color. And you are looking for a very sharp, pinpoint beam, and you can detect it very easy that way.

It doesn't take much at all to do this.

ANNOUNCER: And you are also writing a book?

DRAPER: Yes. Well, in Lumpoc federal Prison Camp, from October until January, I was finally able to get my head together and be alone and not be bothered by too many people.

ANNOUNCER: Your phone wasn't ringing quite so much? (laughter)

DRAPER: Yes. I spent that time down there compiling up a lot of information that has ever come across me, on what I did in my life from the time I got into phone freaking. And I put it all down on paper, and I still have about 350 pages of manuscript on it. And I am thinking of publ...publishing it in the form of a book.

I don't know yet, who...who is going to publish it. This negotiation is going to be worked out. But ah...but the word is out that I am working on a book. And ah...I do intend to, once the book gets ready, to get on the media again, and to make it available....

ANNOUNCER: Oh, I'm sure that you'll have no trouble about that. I wonder what the PHONE COMPANY's going to feel about the book?

DRAPER: Well, the book is not, in anyway, going to ah... going to cause any hassle for the PHONE COMPANY. Basically it is going to be a human-interest story on me and how I got into it and how I got started, because that seems to be the biggest interest.

You know. The second biggest interest is: how do you do it. Well, there won't be much of that information in the book.

ANNOUNCER: Well, everybody can't understand how you can do it anyhow...anyways.

DRAPER: Right.

ANNOUNCER: Even...

DRAPER: Right. Even if I explain it, you have to have a degree.

ANNOUNCER: Yeah. Line Eight in the South Bay, you're on KGO! Line Eight? Line eight, do you want to talk to us? Did we lose Line Eight, Rick? I guess we did. All right. We'll ah...come back right after this break...

(COMMERCIAL SPOTS)

ANNOUNCER: Oh...Line Eight is with us. All right. I'll be glad to. You are on KGO with John Draper!

MALE CALLER: Hi John!

DRAPER: Hi!

CALLER: Er..I've been listening now for a while and ah...
What's the PHONE COMPANY doing to lately...to trap the er...M.S. calls?

DRAPER: Okay, they use this CANA-C Device. I explained it earlier
in the show.....

ANNOUNCER: Yes, we don't have time to

DRAPER: It sends a simultaneous report and it tells them
that a Blue Box call is taking place. It's an instantaneous thing.

CALLER: Uh-huh.

DRAPER: And its installed, and has been installed,
er...now in most placed in the Bay Area.

CALLER_ I see. Is this only on the indication of the 2600?

DRAPER: No, this is an indication of not only the 2600, it's
an indication of the Blue Box tones as well. It records everything. It
records the presence of 2660. It records all the M.F. tones...everything
you dial. Everything you do.

CALLER: I see. So, it is virtually impossible now to make
a Blue Box call?

DRAPER: Yes, without getting busted. It certainly is!

CALLER: I see.

DRAPER: If you know of anybody that got one, or if you
have one yourself,

CALLER: I have one but I...I have it out of service because
I was making a modification.

DRAPER: Well, why don't you make a permanent....

ANNOUNCER: Make a big modification ! (laughter)

CALLER: Though...No, I had nobody to call. I did it

as a challenge. Because I had the information on it. And so...ah...

DRAPER: Well, throw it off the Golden Gate Bridge, or mail it to your local TELEPHONE COMPANY Security Agent. (laughter)

ANNOUNCER: We're having a...

CALLER: Okay. Thank you.

ANNOUNCER: Thank you. Glad that you called. Let's try, quickly, one last call. Line Five, you're on KGO.

MALE CALLER: Hello, er...this is Rich.

ANNOUNCER: Yes, Rich?

CALLER: I was interested by the earlier call by the lady who was having the harrassing phone calls from the person who would not speak to the lady.

ANNOUNCER: Right.

CALLER: I got the impression that she wasn't getting a lot of cooperation from the PHONE COMPANY in...ah...in tarcking this person down.

I was wondering just how much effort does the PHONE COMPANY put into ah...put into catching somebody making these harrassing phone calls?

ANNOUNCER: John, you have thirty seconds...to make a comment to that.

DRAPER: All right. I went into that earlier in the show. They have to set a trap on the line . It requires a little equipment modification. That's it. Er...One of the ...One other thing I would like to talk about real quick here....

ANNOUNCER: Go ahead.

DRAPER: I see that...before we go...I see that I've got about fifteen second left. I want to mention for those people that haven't had time and couldn't get through to me to talk on the Radio, give me a call at 965-1557. That's the answering service. Or 964-7911

ANNOUNCER: Okay, John. Thank you very very much. Captain Crunch.

I think I need to get you back here, because they are still all hanging on the phone lines you know.

DRAPER: Sure, I'll come back if you want.

ANNOUNCER: I'd love to have you back. It was absolutely fascinating. The way your brain works is what fascinates me. I wish mine worked as well. But maybe I'd end up in Lompoc too that way.

Hey, its been great today. I'll see you tomorrow. Peter Ratso will be with us and Sonny Buxton is coming up. Don't miss him and he'll have Eartha Kitt. Monty Shawl. (Marti Shawl) KGO.

(NEWS BROADCAST)

(END OF TRANSCRIPT)