

==Phrack Inc.==

Issue XIV, File 1 of 9

Released On July 28, 1987

Hi and welcome to the final regular issue of Phrack Newsletter. Most of you already know about the nationwide arrest of many of the phreak/hack world's most knowledgeable members. I may receive a visit from the authorities as well and because of this and other events, I am going to leave the modem world.

As of now, Phrack Inc. is dissolved. It may put out an annual publication once a year in the summer, but this is only a possibility. If I remain a free person, I will be able to release Phrack XV which will only be news and it will feature details about Dan The Operator, PartyCon '87, and, of course, the current Secret Service bust wave.

One last thing to mention. Although I don't have the time to go into full detail about it right now, at the current time, we at Phrack Inc. have uncovered a large amount of evidence to support the conclusion that MAD HATTER is an informant. He should be deleted off of any BBSes that he calls. We believe that he was planted by the Secret Service to infiltrate PartyCon '87 and frame Control C and many others.

One last statement to make before the directory. Basically, I have wanted my escape from the phreak/hack world for a long time. I figured SummerCon '87 would be my last big thing and then I'd write the article for PWN and by July 1, 1987, I would be done and out of the modem community. Unfortunately, events just kept happening and are still in motion. Even if I am not busted, as of August 1, 1987, I am considering myself not a member of the modem community and I will not appear anywhere. If Phrack XV isn't out by then, you won't see it ever. I'm sorry, but that's the way it has to be.

This issue features:

Introduction by Knight Lightning . . . . .	..012	Apple Sectors
Phrack Pro-Phile X Featuring Terminus by Taran King. . . . .	..030	Apple Sectors
The Conscience of a Hacker {Reprint} by The Mentor . . . . .	..017	Apple Sectors
The Reality of The Myth [REMOBS] by Taran King . . . . .	..026	Apple Sectors
Understanding DMS Part II by Control C . . . . .	..071	Apple Sectors
TRW Business Terminology by Control C. . . . .	..021	Apple Sectors
Phrack World News Special Edition #1 by Knight Lightning . . . . .	..053	Apple Sectors
Phrack World News Issue XIV/1 by Knight Lightning. . . . .	..070	Apple Sectors
Phrack World News Issue XIV/2 by Knight Lightning. . . . .	..101	Apple Sectors

I hope you enjoy it.

:Knight Lightning

==Phrack Inc.==

Volume Two, Issue 14, Phile #2 of 9

==Phrack Pro-Phile X==

Written and Created by Taran King

5/24/87

Welcome to Phrack Pro-Phile X. Phrack Pro-Phile is created to bring

info to you, the users, about old or highly important/controversial people.
This month, we bring to you a sysop and user of past days...

Terminus
~~~~~

Terminus is the sysop of NetSys Unix and, in the past, ran Metronet.

-----  
Personal  
~~~~~

Handle: Terminus
Call him: Len
Past handles: Terminal Technician
Handle origin: Terminal Technician originated because of Len's view of himself as a hacker. Terminus was an offshoot of that and, although it is an egotistical view, it means he has reached the final point of being a proficient hacker.
Date of Birth: 1/10/59
Age at current date: 29 years old
Height: 5'9"
Weight: About 190 lbs.
Eye color: Hazel
Hair Color: Brown
Computers: 6800 home brew system, Apple][, Altair S100, 2 Apple][+es, IBM PC, IBM XT, IBM 3270, IBM AT, and 2 Altos 986es.
Sysop/Co-Sysop of: MetroNet, MegaNet, and NetSys Unix.

Terminus began with the 6800 home brew system which he built himself. It was built on a STD44 bus and it had 8K of memory. He then got the Apple][(plain old][) which was impressive with its cassette drive and RF modulator. He then got an Altair S100 which he liked because it looked like a mainframe and he also enjoyed building it. The 2][+es came along and he got himself a few floppies and a hard drive. He then sold 2 of the Apples and gave away all his software (and kept 1 Apple with a 15 meg hard drive) and got the IBM PC. He was impressed at the time and ditched the Apple. Due to frustration from switching from an Apple Cat to a Hayes, he sat down and wrote a hacker which eventually turned into CodeBuster, which was, for a long time, the only good hacker available on IBM. He then expanded and got an XT and slowly increased his amount of storage. When the AT came out, he got rid of the PC and got the AT and at the same time, bought the IBM 3270. After playing around with the AT for a long time, he sold it because he needed some money so he was left with the XT and 3270. The XT was sold to make money to buy the Altos 986 and he sold the 3270 about 4 months ago, now leaving him with the 2 Altos 986es.

Terminus started running a bulletin board with an unmentionable board to start with in 914 (where he met Paul Muad'Dib), and eventually got MetroNet going. MetroNet's original purpose was to be a phreak/hack board. It was run on an Apple][with 4 8" drives and 2 floppies plus a 5 meg hard drive, which made for an impressive system. It was going really well for a while, but then the hard drive crashed, leaving the board down for about a month and things slowed down after that. At that time, he got a 15 meg drive, and a 1200 modem soon followed and it stayed up for about a year and a half total, at which time Lord Digital was co-sysop. It finally went down because he moved. MegaNet was his next system, which ran under Concurrent PC-DOS. It looked like a public domain system, but that was camouflage. It was multi-user (2 phone lines) and it ran on the XT. That went down because he moved again after being up for over a year. He is currently running NetSys Unix on his 2 Altos 986es which are networked. The system consists of 2 Altos 986es, an Ethernet link, 240 megs, and 4 phone lines on a hunt, 3 of which are 1200 baud and the final line is 2400 baud. To get on NetSys, it is just \$5 a month and it can be reached at 301-540-3659 (2400 baud), and 3658-3656 (300/1200 baud).

Terminus has never really met anyone in person from the phreak/hack community, although he had many chances to in New York when he lived there. He did go to a couple of Tap meetings, but doesn't remember anyone in specific from when he went.

Len started phreaking and hacking through a friend who worked in the phone company that told him about various things that could be done with electronics to play with the network. He was very paranoid about boxing so he never did anything like that (from his house anyway). He started hacking naturally after he got a computer. His favorite system was the University of Illinois because of its huge size and capabilities.

Some of the memorable phreak boards he was on included Plovernet, L.O.D., Pirate 80, OSUNY, Sherwood Forest I, and Shadowland.

Terminus is an electrical engineer and he designs boards for different minicomputers like PDP-11s, Data Generals, VAXes, and Perkin-Elmer. He also writes some software to interface the boards that he makes. He's pretty decent at machine language, but recently (maybe because of the Unix? Maybe?) he's gotten into C.

Interests: Telecommunications (modeming, phreaking, hacking), music, and smoking (ahem).

Terminus's Favorite Things

Smoking: Let's leave it at that.
Music: Hard rock and progressive jazz (he used to be a drummer).
Programming: Writing software for fun.

Most Memorable Experiences

Getting interviewed by the FBI in 1983 due to someone in Iowa getting busted. The first time he discovered Alliance Teleconferencing and ran a conference.

Some People to Mention

Krackowicz (Just a big "Thanks.")
The (414) Gizard (Sysop of Cryton Elite, thanks for giving him the phone numbers and names to everyone on your system.)
Lord Digital (For being a good friend [Where the hell are you?].)

Terminus shares Tuc's views on carding and feels it's a big gap between committing fraud and learning the network. As he got older, he got more paranoid about things like that. He also feels that the phreak/hack "community" has already crumbled. He also feels that the old days were better.

I hope you enjoyed this file, ...And now for the regularly taken poll from all interviewees.

Of the general population of phreaks you have met, would you consider most phreaks, if any, to be computer geeks? No, none of the people that he hung

out with. Thank you for your time, Len.

Taran King
Sysop of Metal Shop Private

==Phrack Inc.==

Issue XIV, File 3 of 9

The following file is being reprinted in honor and sympathy for the many
phreaks and hackers that have been busted recently by the Secret Service. -KL

\\The Conscience of a Hacker\\

by

+++The Mentor+++

Written on January 8, 1986

Another one got caught today, it's all over the papers. "Teenager
Arrested in Computer Crime Scandal," "Hacker Arrested after Bank Tampering"...
Damn kids. They're all alike.

But did you, in your three-piece psychology and 1950's technobrain,
ever take a look behind the eyes of the hacker? Did you ever wonder what
made him tick, what forces shaped him, what may have molded him?

I am a hacker, enter my world...

Mine is a world that begins with school... I'm smarter than most of
the other kids, this crap they teach us bores me...

Damn underachievers. They're all alike.

I'm in junior high or high school. I've listened to teachers explain
for the fifteenth time how to reduce a fraction. I understand it. "No, Ms.
Smith, I didn't show my work. I did it in my head..."

Damn kid. Probably copied it. They're all alike.

I made a discovery today. I found a computer. Wait a second, this is
cool. It does what I want it to. If it makes a mistake, it's because I
screwed it up. Not because it doesn't like me...

Or feels threatened by me...

Or thinks I'm a smart ass...

Or doesn't like teaching and shouldn't be here...

Damn kid. All he does is play games. They're all alike.

And then it happened... a door opened to a world... rushing through
the phone line like heroin through an addict's veins, an electronic pulse is
sent out, a refuge from the day-to-day incompetencies is sought... a board is
found.

"This is it... this is where I belong..."

I know everyone here... even if I've never met them, never talked to
them, may never hear from them again... I know you all...

Damn kid. Tying up the phone line again. They're all alike...

You bet your ass we're all alike... we've been spoon-fed baby food at
school when we hungered for steak... the bits of meat that you did let slip
through were pre-chewed and tasteless. We've been dominated by sadists, or
ignored by the apathetic. The few that had something to teach found us will-
ing pupils, but those few are like drops of water in the desert.

This is our world now... the world of the electron and the switch, the beauty of the baud. We make use of a service already existing without paying for what could be dirt-cheap if it wasn't run by profiteering gluttons, and you call us criminals. We explore... and you call us criminals. We seek after knowledge... and you call us criminals. We exist without skin color, without nationality, without religious bias... and you call us criminals. You build atomic bombs, you wage wars, you murder, cheat, and lie to us and try to make us believe it's for our own good, yet we're the criminals.

Yes, I am a criminal. My crime is that of curiosity. My crime is that of judging people by what they say and think, not what they look like. My crime is that of outsmarting you, something that you will never forgive me for.

I am a hacker, and this is my manifesto. You may stop this individual, but you can't stop us all... after all, we're all alike.

+++The Mentor+++

[May the members of the phreak community never forget his words -KL]

==Phrack Inc.==

Issue XIV, File 4 of 9

The Reality of the Myth

REMOBS

by Taran King

In the past, many misconceptions have been made of the legendary REMOBS system. The term has been used and abused. It used to be known as REMOB, rather than the proper REMOBS, which stood for Remote Observation. The REMOBS is a REMote service OBServation System manufactured by Teltone, a company which makes various telephone equipment peripherals.

REMOBS has a number of features. The REMOBS permits evaluation of equipment or employee performance. It allows observation of subscriber lines, CO, toll, and E&M trunks, repair bureaus, and operator positions. It can be portable or set up as dedicated remote terminals. The observer console can sample entire networks. REMOBS is compatible with all types of switching and transmission media.

The purpose of the REMOBS system is to measure performance and service provided to customers in an impartial and unbiased manner. By monitoring the subscriber connections throughout the network switch, this can be achieved. The customer experiences are recorded and statistics are derived to provide service level indices.

REMOBS is compatible with all switching systems including Step by Step, Crossbar, and electronic equipment. In each situation, it can observe almost any transmission point such as subscriber lines, inter- and intra-office trunks, toll trunks, E&M trunks, repair bureaus, commercial offices, and operator positions. The console operators can observe by phone line, from one location, any switch location/CO with the remote unit installed.

The M-241 system (which includes the console and remote terminal)

observes up to 40 circuits, but can scan up to 100 lines with a remote terminal. The terminal may observe up to 5 locations simultaneously, with a capacity to observe 500 circuits at any one time.

The REMOBS system can observe all remote terminals at any switching system location through the console controls, making it feasible to observe an entire network. Remote terminals are equipped with plug-in connectors so they can be moved routinely to observe desired locations.

The M-241 Remote Terminal: The remote terminal is located at the point of ===== observation. It may be ordered in portable or dedicated configuration. The remote terminal remains inactive until accessed by the controlling console. The remote unit is 6.5" high, 22.88" wide, and 11.7" deep, arranged for relay rack mounting.

The M-242 Observer's Console: Console operators access the remote terminals ===== through telephone lines. Access to the remotes is limited to console operators who know the access number, timing, and four digit security code. Additional security is available with the optional security dialback feature. The System automatically scans observed circuits. The first circuit to become busy is selected and held by the system until the necessary information is secured, the operator presses the reset button, or the calling party goes on-hook. Timing circuits automatically drop the call 100 seconds after the calling party goes off-hook or, if answer supervision is present, 15 seconds after the called party answers. The console itself looks very much like a cash register. Where the digits are normally, there are places for the trunk identity, called number, stop clock, and memory. The pushbutton controls consist of the following: power (key switch), hold buttons, select buttons, calling party, called party, display hold, clear, O.G. line, auto reset, reset (manual), read (stop clock operate), talk, voice exclusion, memory, plus a standard touch-tone keypad with the A, B, C, and D keys. There are 2 monitor jacks, a volume control and, for the primitive lines and switches, a rotary dial next to the touch-tone keypad. The operator's console stands 2.25" in the front and 8.25" in the back; it's 17.25" wide and 16.5" deep.

The observation system network is set up in the following manner. The operator observer is in an observing center at the local Central Office with the M-242 REMOBS Central Console (which looks like a telephone to the Central Office). Through the standard telephone network, communications occurs between the console and the remote. From the CO, through the incoming circuitry, it goes through the connector to the M-241 REMOBS Remote Terminal (which looks like a telephone to the access line). From there the connection is made to the circuits to be observed including the subscribers lines, line-finders, toll trunks, repair lines, etc.

The information provided is both visual and audible. The visual display, showed on the panel, includes the identity of the remote terminal, the identity of the observed circuit, the signalled digits (up to 52), the status of the calling and called parties (on/off-hook), and the timing of the call. The audible information (which is provided through headset or handset) includes the call progress tones for disposition (dial tone, type of signalling, 60 IPM, 120 IPM, ringing, answer, etc.) and voice transmission (calling and called parties).

The REMOBS system is very much different from often-misconceived system known as 4Tel made by Teredyne. REMOBS is very much different from the dial-up - enter 1 code - be given instructions simplicity of the 4Tel but it still has the legendary capabilities of listening in remotely.

If you wish to gain more information about the REMOBS system, Teltone Corporation can be written to at 10801 - 120th Avenue N.E., Kirkland, WA 98033 or phoned at (206) 827-9626.

==Phrack Inc.==

Issue XIV, File 5 of 9

Understanding the Digital Multiplexing System
Part II

by Control C

An Advanced Telecommunications, Inc. Production

DMS switches were first introduced in 1979. Since then it has been modified to interface with numerous types of switches. DMS has the ability to interface with SP-1, #5 XBar, 1ESS, 2ESS, 3ESS, 4ESS, NX1D, NX1E, TSD, SXS, ETS4, NO. 1 EAC, NO. 2 EAX, NO. 3 EAX, TSPS, CAMA/3CL boards, Stromberg Carlson Turret of ONI and Visual Indicators, Modified North Electric TSD for ONI, Stromberg Carlson (CAMA operator Position - ONI/ANI), AE #31 Switchboard, Co-located NT/AE switchboard I/C, O/G, UDC data poller of OM, DACS (Directory Assistance Charging System), NT #144 LTD, WECO #14 LTD, WECO #16 LTD, CALRS (Centralized Automated Loop Reporting System), Badger 612A, AE #1 and #21 LTD, AE #30, SC #14 LTD, Lordel MITS70 line Test System, Porta System Line Test Unit, Pulsar II IMTS, Teradyne loop test unit, and the WECO MLT 1 (Mechanized Loop Testing System).

Common Channel Interoffice Signaling

Common Channel Interoffice Signaling (CCIS) is a way of signaling and a way of implementing network level services. CCIS provides reliable, crystal clear data signaling links between the network and the switching offices. The CCIS signaling method uses transmission equipment that is separate from voice trunks.

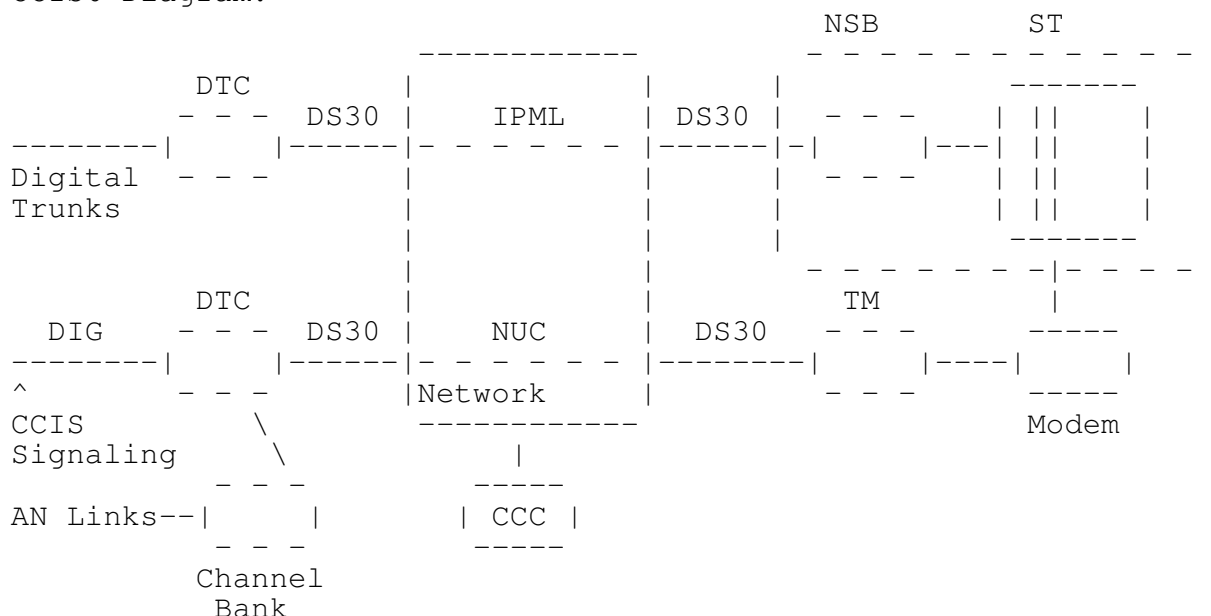
Common Channel Interoffice Signaling No. 6

The basis for the CCIS system is the International Consultative Committee on Telephone and Telegraph (CCITT) No. 6 international standard, which is brought to its fullest capacity for use in the Stored Program Control (SPC) network of AT&T.

The CCIS6 network contains a bunch of signaling regions, each having a pair of interconnected Signal Transfer Points (STP). The switching systems put into CCIS6 that connect to STPs are called Serving Offices (SO).

Band Signaling (CCIS-BS) is used on trunk signaling for intertoll-type trunks using the CCIS network.

Direct Signaling (CCIS-DS) is used for signaling between SPC switching machines and a Network Control Point (NCP). At the present time, CCIS6 can handle Enhanced INWATS Originating Screening Office (OSO), Calling Card Validation (CCV), Mechanized Calling Card Service (MCCS), and Billed Number Screening (BNS). CCIS6 is available with DMS-100/200, DMS-200, and DMS-100/200 or DMS-200 with TOPS.



Acronyms:

DIG - Digital
AN - Analog
DTC - Digital Trunk Controller
MSB - Message Switch Buffer
ST - Signaling Terminal
TM - Trunk Module
NUC - Nailed-Up Connection
IPML - Inter-Peripheral Message Link

Common Channel Interoffice Signaling No. 7

Common Channel Signaling (CCS) No. 7 or CCIS7 is a CCS system based on CCITT No. 7. CCIS7/CCS7 on the DMS switch consists of two parts: the Message Transfer Part (MTP) and the Interim Telephone user Part. They are compatible with DMS-100, DMS-200, DMS-100/200, and DMS-100/DMS-100/200 with TOPS.

CCIS7 can't tell the difference between banded and direct signaling. CCIS7 uses Destination/Origination Point Codes (DPC/OPC) to route back to the switch.

CCIS7 can handle Automatic Calling Card Service (ACCS), Enhanced INWATS, Local Area Signaling Services, and Direct Service Dialing Capabilities.

Equal Access

The DMS-200 Access Tandem (AT) gives a traffic concentration and distribution function for interLATA traffic originating and a distribution function for interLATA traffic origination or terminating inside a Local Access and Transport Area (LATA). This gives the interLATA Carrier (IC) access to more than one end office inside the LATA. It can handle InterLATA Carrier access codes (10xxx), 10xxx and 950-yxxx dialing, Automatic Number Identification (ANI) on all calls, answer supervision, equal access Automatic Message Accounting (AMA) for both originating and terminating calls, and operator service signaling.

The DMS-100 EA gives direct and tandem switched access service inside the LATA for originating and terminating to interLATA Carriers. It is available in the following three ways:

Equal Access End Office (EAE0)

DMS-100 Equal Access End Office (EAE0) gives a direct interconnection to interLATA Carriers' (IC) and international Carriers' (INC) Points of Presence (POP) inside the LATA.

Access Tandem with Equal Access End Office

The DMS-200 Access Tandem (AT) when used with equal access end office (EAE0) lets trunk tandem interconnect to ICs/INCs POP inside the LATA.

The connection of the Equal Access End Office (EAE0) to an IC/INC through the DMS-200 Access Tandem (AT) uses what is called two-stage overlap output pulsing which makes the time it takes to set up a call quicker. The AT uses the digits OZZ + XXX out pulsed in the first stage to identify the IC/INC dialed and to pick out outgoing trunk. Then a connection is established from the IC/INC to the EAE0 through the AT. The second stage digits consist of ANI and the called numbers are passed through the DMS-200 AT at the IC/INC.

An AMA terminating record in AT&T format is produced by the DMS-200 for all the EAE0s. A per call terminating AMA record is made for calls that get to the stage where the trunk from the IC/INC has been seized and a "wink" has been returned by the DMS-200 AT.

Access Tandem with a Non-Equal Access End Office

DMS-200 AT using a non-equal access end office gives trunk tandem connection to an IC/INC POP within the LATA. To set up a call, connection of Feature Group B (FGB) or Feature Group C (FGC) End Office to an IC/INC through the DMS-200 AT uses the standard Bell Central Automatic Message Accounting (CAMA) signaling. The Access Tandem uses the XXX digits of the access code 950-YXXX out pulsed from the FGB end office to identify the IC/INC and to connect to an outgoing trunk.

Mechanized Calling Card Service (MCCS)

~~~~~

The fraudulent use of calling cards, third number and collect calls and the increasing movement to automate current operator services has directly led to the implantation of the Mechanized Calling Card Service (MCCS) to DMS-200/TOPS and to the remote and host Operator Centralization (OC).

MCCS uses CCIS to relay queries and responses to and from the DMS-200/TOPS. Operator handled calling card calls and the direct entry by subscribers of Calling Cards by DTMF (Touch-Tone) telephones are given special provisions by the MCCS. Both the operator handling and the direct entry of calling card calls are decreasing the size of the operators.

Billed Number Screening (BNS) gives an enhancement to the operator-handled collect and third-number billing by using CCIS to screen a number at the billing validation data base for billing restrictions (i.e. the third number is a fortress). This feature naturally will reduce fraudulent use of the collect call feature.

Common Channel Interoffice Signaling-Direct Signaling (CCIS-DS), which is the feature that the MCCS is designed around, is used to transmit messages to and from many possible Billing Validation Centers (BVCs). Messages transmitted to the BVC about MCCS include the billing number and the Personal

Identification Number (PIN). In BNS the messages have the special billing number (collect or third number). The return messages from the BVC include validity (of the number), billing restrictions (if any), and the Revenue Accounting Office (RAO) code.

#### Auxiliary Operator Services System

~~~~~

The DMS-200 Auxiliary Operator Services System (AOSS) is used primarily for Directory Assistance and the intercept needs that are not included in the TOPS package. The AOSS is similar to TOPS and co-exists with TOPS on the DMS-200 Toll system.

Major benefits of the AOSS include: Directory Assistance is provided with a modern environment, AOSS position administrative activities are performed by the DMS-200 toll maintenance system, trunking savings are achieved by combining trunking for 1+, 0+, and Directory Assistance traffic, DA services are managed by using TOPS methods, creation of a built-in training system which does not require additional training equipment and reduces training costs.

Integrated Business Network

~~~~~

The Integrated Business Network (IBN) is a revenue-producing concept designed for small and big businesses to offer modernized PBX and Centrex features. The Operating Company can use the IBN to maintain and enhance its competitive position on a operational DMS-100 and DMS 100/200 switches. While using the DMS-100 switch, the Operating Company can support varying business features along with existing local/toll traffic.

IBN services can be introduced to a Centrex-Central Office (CO) or a Centrex-Customer Unit (CU) by additional software modules and minor hardware enhancements.

Current IBN features include: A growing system that can handle 30,000 lines, networking capabilities, city wide service for DMS-100 switch and remotes for any one customer Station Message Detail Recording (SMDR), which gives IBN customers call records. The records can be used for system analysis and control and station charge-back. SMDR can use LAMA records (if the IBN host has LAMA equipment), centralized attendant maintenance, and administration functions and Direct Inward Dialing (DID).

#### Electronic Switched Network (ESN)

~~~~~

The Electronic Switched Network is designed to meet the telecommunication needs of large multi-location corporations. The ESN is made up of a SL-1 or SL-100 Digital Business Communications System with networking features or a DMS-100 IBN host. The SL-1 can handle from 30-5000 lines. The SL-100 and the DMS-100 IBN hosts can hold from a few thousands to 30,000 lines.

A DMS-100 IBN or SL-100 can remotely serve many locations from the host site. This is done by a connection through digital transmission facilities which are set up at remote modules at the subscriber's premises.

Here are some diagrams showing the differences between normal private telecommunications networks and ESN networks.

Normal telecommunications network

=====

circuits.

The DMS-250 takes either analog or digitally encoded info and by using time slot interchange, switches it from any input port to a temporary addressed and connected exit port. The info may or may not be converted back to analog.

Cellular Mobile Radio Service

~~~~~

A cellular system consists of two main parts: a cellular switch and cell site equipment.

#### Cellular Switching Systems

~~~~~

A cellular switch performs three main functions: audio switching, cell site control, and system administration.

The DMS switches provide three basic implementations for cellular switching: Stand-alone, Combined, and Remote.

Stand-alone switching is done by a Mobile Telephone Exchange (MTX) which is interfaced with one or more class 5 end offices. The connection is made by DID/DOD trunks. Depending on the needs of the area, the MTX can be divided as follows: MTX which serves urban areas, MTXC which handles suburban areas, and MTXM which is used for rural areas.

Combined switching is incorporated into a DMS-100 by some hardware additions and cellular software. Combined switching is designed to give an easy, cost-effective way to install cellular services to an existing host.

Remote Switching is done by combining Remote Switching Center (RSC) with a Cell Site Controller (CSC). This combination is hosted by either a stand-alone or a combined switch. Remote Switching is designed for serving suburban centers, remote areas, or a small community and it gives extra flexibility for a growing system.

All of these cellular switches have the ability to balance the workload among various cell sites. For example, if one site's workload reaches the programmable level of congestion, calls would be routed to nearby sites that can handle the extra calls.

Cell Site Equipment

~~~~~

Cell site equipment consists of a CSC and radio equipment. The CSC is controlled by the cellular switch and it controls radio equipment and maintenance tasks. The CSC will work on any MTX cellular switch because of the Remote Cluster Controller (RCC).

The radio equipment consists of self-contained Radio Channel Units (RCU), antennas, transmitter multi-couplers, and receiver combiners.

By different program software, an RCU can perform voice, control locating, and test functions. The self contained nature allows the RCU be remotely located to the CSC. A RCU has built-in circuitry for extended testing of the radio part of the system.

Control C

<End of File>

<May 1987>

==Phrack Inc.==

Issue XIV, File 6 of 9

-----  
TRW Business Terminology  
~~~ ~~~~~ ~~~~~~  
by Control C

| Term | Explanation |
|---------------|-----------------------------|
| ---- | ----- |
| Legal | Legal Involvement |
| Collect | Collection Account |
| Writ-Off | Account Written Off |
| NSF | Not Sufficient Funds |
| Lease Default | Lease Default |
| Liens | Liens |
| Repo | Repossessed |
| RFC | Refused Further Credit |
| Pays-Sol | Pays Slow |
| Not Pay AA | Not Paying as Agreed |
| Cia-Our-Req | Cash in Advance-Our Request |
| Was Pastdue | Account was Past Due |
| Was Problem | Problems In the Past |
| CIA | Cash in Advance |
| Adj.Bureau | Adjustment Bureau |
| COD | Cash on Delivery |
| COD Cusreq | COD Customer Request |
| Adv-Trend | Advertise Trend |
| New Owner | Recent Ownership Change |
| Hldg-Ord | Holding Orders |
| Secured | Secured Account |
| Discount | Discount |
| Improving | Improving |
| Unr-Disc | Unearned Discount Taken |
| X-Deduct | Unauthorized Deductions |
| Ref Fin Chg | Refused Finance Charge |
| Satsftry | Satisfactory Account |
| Bond Satis | Bonding Satisfactory |
| Prompt | Pays Promptly |
| Exlent Acct | Excellent Account |
| 1st Sale | First Sale |
| 21 Dys Late | 21 Days Late |
| 14 Dys Late | 14 Days Late |
| 7 Dys Late | 7 Days Late |
| Exc Disc | Excessive Discount Taken |
| Dispute | Dispute Invoice |
| Prod Complt | Product Complaint |
| Consol Note | Consolidation Note |
| Ltd.Exp | Limited Experience |
| Note | Pays By Note |
| Floor Plan | Floor Plan Account |
| Trd-Acpt | Pays by Trade Acceptance |
| Ern Disc | Earned Discount Taken |
| Job Complet | Job Completed |
| Unfl-Ord | Unfilled Orders |
| Installment | Installment Account |
| New Account | New Account |
| Consignment | Sell on Consignment |

| | |
|--------------|------------------------------|
| Retention | Retention |
| Multi Locate | Multiple Locations |
| ADS XXX | Average Days Slow |
| Sold XXX Yrs | Number of Years Sold |
| DDWA XXX | Dollar-Days Weighted Average |

Payment Terms

| Term | Explanation |
|----------|--|
| ----- | ----- |
| Net X | Net Due in X Days |
| Net Eom | Net amount due by the end of the month |
| Net Prx | Net amount due on the 1st of the following month |
| N10 Prxo | Net due within 10 days of the first of the following month |
| N10 Eom | Net due within 10 days of the end of the month |
| X/10 N15 | X Percentage discount if paid in 10 days or total amount due in 15 days |
| X/15 N30 | X percentage discount if paid in 15 days or total amount due in 30 days |
| X/30 N45 | X percentage discount if paid in 30 days or total amount due in 45 days |
| X/10 Eom | X percentage discount if paid in 10 days or total amount due at the end of the month |
| X/15 Eom | X percentage discount if paid in 15 days or total amount due at the end of the month |
| X/10 Prx | X percentage discount if paid in 10 days, otherwise due on the first of the following month |
| X/15 Prx | X percentage discount if paid in 15 days, otherwise due on the first of the following month |
| X/Eom | X percentage discount if paid by end of month |
| X/Prox | X percentage discount if paid by the first of the following month |
| Cs Dis | Discount in return for payment before final due date. |
| Tr Dis | Reduction of the selling price and is always available to the customer regardless of the lateness of the payment |
| Special | Special terms offered by seller |
| Contrct | As stated in contract |
| Varied | Offers several different terms |
| Roi | Remit on receipt of invoice |
| D/S | Draft Payable at sight |
| D/O | Draft with order |
| COD | Cash on Delivery |
| COD-Req | COD at seller's request |
| CIA | Cash in advance |
| CIA-Req | CIA at seller's request |
| CWO | Cash with order |
| NET | Balance Due |
| Multi | Customer has more than one way of paying |
| Note | Written promise to pay at a specific time |
| Cash | Cash only |
| ----- | ----- |

Login

The proper format for TRW is as follows:

TCA1 RTS subcode+pw lastname firstname middleinitial...,street# streetinit
zipcode

Example: (Subscriber code is 1234567 and PW is OS5)

TCA1 RTS 12345670S5 SMITH JOHN S...,3123 H 37923[Ctrl S][Ctrl M]

^C

==Phrack Inc.==

Issue XIV, File 7 of 9

```
^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^
PWN
^^^                               ^^^   Phrack World News   ^^^
PWN                               Special Edition I
^^^
PWN                               Edited, Compiled, and Written
^^^                               by Knight Lightning
PWN
^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^ PWN ^^^
```

Welcome to the first Phrack World News "Special Edition." In this issue we have two parts. The first section deals with possible news stories of the future after the weekend of June 19-21... SummerCon '87! The second section is a presentation of acronyms that never were, but should be. All posts have been taken from Metal Shop Private prior to its takedown in June. Posts have been edited for this presentation.

PWN Special Edition is not a regular series and will only appear when the author deems it necessary to release one. Please keep in mind that all material in this file was written several weeks prior to SummerCon '87 and therefore the events chronicled here are supposed fiction and comedy.

Thank you -KL.

=====

Name: Phantom Phreaker

SummerCon Prank Backfires June 31, 1987

~~~~~

Well, the SummerCon went over well, except when the convention attendees stole every payphone in the building and placed them in front of Taran King's hotel room, rang the door, and shouted "Room Service." Needless to say, Taran King is now in jail until he can pay for all the stolen payphones.

Name: Knight Lightning

Phreak/Hack World Shut Down! June 21, 1987

~~~~~

It happened yesterday when John Maxfield accompanied by Ralph Meola, Richard Proctor, Dan Pasquale, Edward P. Nowicki, and several members of the FBI, Secret Service, National Security Agency, and local baggers 402 literally invaded SummerCon '87, the annual phreak/hack reunion. It has been reported that a total of 97 suspects have been placed in custody with crimes linking them to jay walking, loitering, curfew violation, disturbing the peace, and belching in excessive amounts.

Details are sketchy but it appears that it all started when a very drunk pair of twins decided to visit the local McDonald's and demanded a COSMOS Sundae with passwords on the side. When a very confused McDonald's employee refused, they became agitated and whipped out a blue box, using it to open the "trunks" of all the cars in the parking lot and then finally throwing it at an employee. A mad crowd of people rushed to the Best Western Executive

International Inn and tried to storm the building when the other previously mentioned uninvited guests arrived.

Final remarks from the twins... "So who wants to discuss CAMA?"

Information provided by F. R. Newsline Services and on the scene reporting by Broadway Hacker (arrested for attempted prostitution).

Name: Thomas Covenant

SummerCon '87 "Laugh Riot"; Numerous Phreaks Still Missing June 25, 1987

~~~~~  
(St Louis, PP) Authorities are still searching for the nearly 100 missing telecom enthusiasts who gathered in town over the weekend for a convention. Apparently the missing parties were sitting around, undergoing the intake of many assorted consciousness altering chemicals, when a strange young man with shoulder length hair and wearing a Judas Priest jacket appeared. He forced them all into a white 1957 Chevy pickup and took off, leaving only Evil Jay and Thomas Covenant behind. Evil Jay was quoted as saying it was a "laugh riot." Thomas Covenant had nothing to say as he is in shock from the incident and currently undergoing treatment at the St. Louis Home for the Terminally Bewildered.

---

Name: Phantom Phreaker

Computer Enthusiasts Infected With The AIDS Virus June 22, 1987

~~~~~  
>From St. Louis Post Dispatch

They called it "SummerCon," a gathering of "phone phreaks" and computer hackers who are loosely organized around a network of computer bulletin boards. However, tragedy struck the meeting when the hacker named Evil Jay tricked another hacker, Suicidal Nightmare, into entering the room belonging to Broadway Hacker. Suicidal Nightmare was found in the parking lot with a torn anus.

As if this wasn't bad enough, Broadway Hacker then went wild and began trying to molest the smallest hackers there. He could be seen chasing Kango Kid while screaming about a flaming mailbox and rubbing his genital area.

Other problems arose from the hackers meeting. Several people were arrested for possession of cannibus and illegal possession of alcohol. The other charges included:

- o Intoxicated Pedestrian
- o Disturbing the Peace
- o Contributing to the delinquency of a minor
- o Failure to yield at stop sign
- o No turn signal
- o Theft of telephones
- o Verbally harassing telephone operators

As you can see, these computer 'hackers' have no morals and decency and should not be allowed to meet.

(C) Post Dispatch 2050
Written by Jack Meoff

Name: Knight Lightning

Phreak World Crippled; SummerCon Causes Despair

June 22, 1987

~~~~~

Today, the phreak world was astounded and dealt a horrifying blow as all the phreaks who attended SummerCon left with their entire phreak knowledge literally erased from their minds due to an excess of drinking and other unknown mind altering substances. It is unknown as to if these effects are temporary or a life-long destruction.

Anarchy World Takes Charge

June 23, 1987

~~~~~

MetalliBashers Inc. have become the new "LOD" of the modem world since all of the LOD members no longer can even remember what LOD stands for (in fact, no one can, and forget I mentioned it!). With MBI taking charge, the new wave of the modem world has turned strictly anarchy, although there are rumors of various pirating organizations beginning to unload new wares soon.

Investigators Lose Jobs!

June 24, 1987

~~~~~

John Maxfield reportedly lost ALL contracts today when it was discovered that the phreak/hack community was completely destroyed, thus no one needed protection from them. He has now taken a job with the local sanitation management firm to help figure out what to do with all the garbage now that the phreak community wasn't stealing 1/3 of it anymore.

---

Name: Evil Jay

Suicidal Nightmare - History

June 23, 1987

~~~~~

Suicidal Nightmare met death head on when Evil Jay knocked on his door pretending to be a lineman checking on his line. Once inside, Jay proceeded to swing a hand set at him with amazing accuracy. Once dragged outside, Jay then proceeded to tie Suicidal naked to a tree and call the ever-lovin' Broadway Hacker over to do his stuff. Jay was last heard pleading insanity. Suicidal Nightmare remains in intensive care, and Broadway Hacker is happy.

That is the last of the news reports, now on with "Those Amazing Acronyms...!"

Name: Doom Prophet

FUCK-Facilities Utilization Control Kitchen. A really hot office. They keep backups of all systems per a LATA, or in special cases, the entire BOC area, along with user logs and passwords. They use the CUNTCLICK system to interface with SHIT, explained momentarily. They are difficult to reach as no one knows their number, and anyone calling it has to enter a special queue dispenser where he enters routing information to reach the FUCK ACD. The FUCK technicians answer as normal subscribers and you have to tell them a codeword.

PENIS-Plant Engineering Network Information System. Used by the PMS to deal with outside plant details and layout maps.

CUNTCLICK-Computer Utilities Network In the Control Kitchen. Used to sensor with SHIT.

SHIT-Supreme Hardware Inventory Totals. Self explanatory.

CRAP-Customer Repair Analysis Service. They use PENIS to supply PMS with info.

PISS-Primary Intertoll Switching Servicemen. Co-ordinate classes 1 through 4 toll offices and monitor the STP's.

BITCH-Building Installation Table Channel. Used by SHIT technicians to obtain new switch and office status.

SCAB-Switching Cable Analysis Bureau. They work with PMS for trunk testing and maintenance. The systems they use are FART and DOPAMINE.

BASTARD-Box Accessible System To Aid Real D00ds. A special in band NPA with full OSC support for blue boxers to experiment within legally. Only operating in special areas.

Name: Phantom Phreaker

DOGSHIT-Division Operations Group SHIT (see above post). DOGSHIT is like SHIT, except that DOGSHIT is in a division.

CATPISS-Centralized Automatic Tandem Priorities Interexchange Support System. Self-explanatory.

BEER-Bell Electrical Engineering Research

COOL-Computerized Operations On Loops

Name: Taran King

BOOGER-Bell Operational Office for Generation of ESS Reports. Self Explanatory.

STAN-Spanish Tacos And Nachos. This support group, Californian based, maintains food services for all superior employees (all employees).

NATE-Nacho And Taco Emissary. This department secretly interfaces STAN with the rest of the network due to the STAN group's inability to fit in with society. **Due to divestiture, NATE and STAN are no longer part of the network**

IL DUCE-Not an acronym, but the janitorial services department of the network.

PUMPKIN-Peripheral Unit Modulator Phor Kitchen Installations of NATE. This group is in charge of interfacing kitchen activities through Project Genesis. See RAPE.

BRRR-RING-The official word for the sound an AT&T phone makes receiving an incoming call.

BANANA-Basic Analog Network Analog Network Analog (No wonder they went digital)

RAPE-Red Afro-PUMPKIN Enthusiast. This group, led by Peter, cheers IL DUCE while he sweeps the floors.

SCOOP-Secondary Command Output Only Procedure. This converts all text to lower case. It is a function used in most Bell computers along with LEX.

LEX-Lengthy Explanatory Xlations. This program, found alongside SCOOP, converts all lowercase text, from SCOOP, into upper case and 40 columns surrounded by "\$"s.

```
** Warning!  Never leave SCOOP and LEX running simultaneously or you will
surely cause L666 to occur. **
```

L666-The warning message generated by computers indicating endless loops of conflicting jobs. This also indicates that everything is fucked. See LOKI.

LOKI-Life Over-Kill Incentive. If you find this error message on your computer, do not reboot the computer, but be sure to reboot something.

Name: The Disk Jockey

SNATCH-Senses Nodes And Traps Code Hackers

TITS-Telephone Involved in Tandem Skipping

PUBIC-Plastered Uniforms Brought Inside CO (An employee infraction)

RAD-Receive Analog Department

DISC-Deadbeats Instinctively Scanning for Carriers

LAP-Local Area Payphone

Or use the codewords that Linemen and Telco employees use....

| This | Means This |
|--------------|--|
| ----- | ----- |
| "OHFUCKNIGS" | "I'm trapped in a phone booth in a black neighborhood" |
| "FIDOFUCK" | "A customer's pet dog has me trapped up a pole" |
| "HOMEBONE" | "I got laid while doing a customer's installation" |
| "SNOOZEBOX" | "I'm sleeping, but saying I'm fixing little green boxes" |

This concludes Phrack World News Special Edition. I hope you enjoyed it. If you have any comments or ideas be sure to get in touch with me or Taran King.

:Knight Lightning

```
=====
PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN
^*^
PWN
^*^          ^*^ Phrack World News  ^*^          PWN
^*^                      Issue XIV                      ^*^
PWN
^*^          ^*^ Compiled, Written, and Edited  ^*^          PWN
^*^                      by Knight Lightning                      ^*^
PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN  ^*^  PWN
^*^
```

On the Home Front/SummerCon '87

April 22, 1987

Well I'd like to start off this issue with an apology to my readers. Although I had suspected it for quite some time, I never had any real reason to doubt the validity of some of the past events detailed in PWN. Please disregard and ignore these previous stories relating to Oryan QUEST.

Oryan QUEST Busted/415 Gets Hit Again Dan Pasquale Seeks New Entertainment

PWN Issue 4-2
PWN Issue 4-3

Oryan QUEST Vs. Dan Pasquale

PWN Issue 6-1

Dan Pasquale: Still Hostile Or Ancient History?

PWN Issue 7-1

The events regarding Oryan QUEST getting busted or having anything to do with Dan Pasquale (of the Fremont Police Department) were fictional propaganda devised and given to me under false pretenses by Oryan QUEST in an attempt to make himself look like a more experienced phreak and to give him more publicity and fame in the phreak/hack world.

Re-Announcing SummerCon! The biggest and best phreak/hack convention ever! Scheduled for June 19,20 1987 in St. Louis, Missouri and sponsored by TeleComputist Newsletter, Phrack Inc., and Metal Shop Private.

The festivities will take place at the Executive International Best Western. There will be two adjoining rooms for guests to sack out in, but you are welcome to grab your own for space and privacy reasons. The phone number at the hotel is (314) 731-3800. The name being used to rent the rooms and the room numbers will remain unannounced until June 19, 1987 where this information will be placed on the Phrack Inc./Metal Shop Private VMS and the TeleComputist Information Line. This is to prevent any individuals from spoiling our fun at the Conference.

We have received quite a few confirmations about people going and have heard from dozens more who plan to attend. Just based on who we know for sure, this will be an event to remember for the rest of your lives.

The schedule works sort of like this;

Friday Night - Party and introductions
Saturday Afternoon - The conference will commence in the hotel's banquet hall.
Saturday Night - More partying
Sunday Morning - Everyone cruises home

Guests are asked to please bring some extra cash to help pay for the expense of this weekend. The front money will be supplied by the sponsors, but any help will be greatly appreciated. Thanks.

Remember, everyone is welcome to show up. We only ask that you inform us (myself, Taran King, and/or Forest Ranger) of your plans. This also applies for speaking at the conference. Please inform us of the topic and how long you plan to talk.

If you have any further questions please contact Knight Lightning, Taran King, or Forest Ranger on any bulletin board you can find us, the Phrack Inc./Metal Shop Private VMS, or call the TeleComputist Information Line at 314-921-7938.

Hope to see you there.

:Knight Lightning

*** Special Newsflash ***

^^^ Free Seminar ^^^

When: June 19, 1987 (Morning and Evening)
Where: Sheraton Plaza
900 West Port Plaza
St. Louis, Missouri [Good timing isn't it]

Topics: Advanced Tolls For Protocol Analysis
Using the OSI 7-layer model

Special operator interfaces for: - entry level operators
- protocol technicians
- software engineers

Test T1, SNA, X.25, ISDN, SS#7 with the same tester

Presented by: Atlantic Resource Corporation
Featuring: The INTERVIEW 7000 (R) Series Protocol Analyzers
Discussion: T1 Testing

Call to register:

Tell them you are (pick one):

- A manager responsible for protocol testing and certification
- An engineer developing OSI 7-layer protocols
- A network manager
- Tech control supervisors

Seating is limited so act quickly.

RSVP Atlantic Research Corp. 800-368-3261

Voice Numbers; The Road To Retirement

April 5, 1987

~~~~~

A rebuttal by Kerrang Khan (Edited for PWN)

Contrary to popular opinion, I actually have a reason for not giving out my phone number. There has been enough bullshit about this "incident," and I guess it's time I gave my side of the story.

I don't want anyone to have my phone number. Nobody in the phreak/hack world needs it. I'm easily reached via boards etc., and if it is that important to speak with me voice, loops and bridges do exist. It may be more convenient for you to have my voice number, but I don't think its really worth the risk. Face it, security people are getting serious about tracking people down.

Unless you move around the country on a monthly basis, you might as well retire when your phone number gets 'out'. This is not to say everyone whose number isn't secure is due to be busted but consider the following:

If I have your phone number I also have:

- 1) Your full name
- 2) Age
- 3) Address
- 4) Criminal record (its public knowledge)

As well as just about anything else that comes to mind. If I can do that, just think what an investigator can do. As far as Psychic Warlord's policy of no number, no access goes, well I think it sucks. Anyone here remember "The Board" in 313? [See Phrack World News Issues 7-1 and 9-1 for information concerning "THE BOARD" and its aftermath.]

I don't know much about Psychic Warlord and he doesn't need to know much about me. Its his system, and he can do what he likes with it, but I hope this isn't the wave of the future. Its a good policy not to leave phone numbers when calling boards for the first time, and after that, you'll have to use common sense. That is what it all comes down to, common sense. It seems to be in short supply these days.

Metalland South: Phreak BBS or MetalliFEDS Inc.?

June 2, 1987

~~~~~

Metalland South BBS, at 404-327-2327, was once a fairly well known bulletin board, where many respected members of the hack/phreak community resided. It was originally operated by two guys from Metal Communications, Inc., but it wasn't an MCI club board. The sysop was Iron Man and the co-sysop was Black Lord. Recently, it has come to the writer's attention, that MS has come under new management, new policies, and possibly a new idea; Sting.

Somewhere around September-October 1986, Iron Man removed all of the hack/phreak related subboards as well as all G-philes from the system. He was apparently worried about getting busted. The last time this reporter spoke with him, Iron Man said he intended to put the hack/phreak subs back up. Then, not long after this conversation, the number was changed (The original number was 404-576-5166).

A person using the alias of The Caretaker was made co-sysop and Iron Man would not reply to feedback. Everything was handled by The Caretaker [TC from now on]. TC did not allow any hack/phreak subs, but said he would put them up if the users would follow STRICT validation procedures.

Strict validation on MS includes:

^^ Your Real Name
^^ Your Address
^^ Your Voice Phone Number
^^ A Self-Addressed Envelope (in which he will send back with your account number and password.)

It is obvious to see the ramifications here. A board or sysop gets busted and then makes a deal to turn over the board to some company or agency. To make sure that they get who they want, you have to give them all this info, and the only way you can get a password is to let them mail it to you, thus guaranteeing that if something illegal is posted under that account, you are responsible, no ifs, ands, or buts.

Now, with the always helpful use of CN/A and various other special procedures, this reporter and several others have contacted the home of The Caretaker. TC will not admit to being or to not being The Caretaker. He says he "may be." Also, while speaking with Taran King, TC tried to engineer Taran's phone number three times, using trickery like "let's be friends, what is your phone number?" TK gave the guy the MSP number, figuring everyone has it. Also TC is older than 18 (estimated at age 30), and he has three phone lines in his house. When called, he will not admit to who he is, who runs MS, or who is the sysop of it. Also, besides begging for your phone number (or demanding he call you). TC tries to trap you into admitting that you are/have committed toll fraud. In TK's case, TC tried to get Taran to admit to using other person's LD service PINs.

The whole aura of mystery around Metalland South seems enough to make it not worth calling. I urge you never to call this system and never send in information like that to any system.

Recently I have spoken with Iron Man, and he says "I gave the board to some guy cause I was sick of running it." Well, he is lying as you will see in the following transcript:

ME: So, gave it away. To who?

IM: I really don't know him that well. I can give you his first name.

ME: No, that is okay. How old is he?

IM: I don't know. We only talked once and I sent him the software.
ME: Is his name XXXXX, XXXXX (TC's real name)?
IM: I really don't know.
ME: So why did you give the board to someone you don't know?
IM: That was the only chance of keeping it up.

Now, IM do you know him or not? Do you just go throwing the board around? I thought you said you knew his first name?

^^^ How the heck could he send him the software and not know his name?
(Yeah, I suppose he AE'd a 30 sub system. I can see it now, "To whom these disks concern."

^^^ Didn't IM seem to know much too little about The Caretaker? I could understand him not having the guy's last name or address, but not even knowing his age or where he lives..?

Here are some other things to think about. There is an entire subboard dedicated to law enforcement and the local police even have an account on the system under the name CRIMESTOPPERS. I wonder what they would have to say about codes on the bulletin board. Keep in mind that Metalland South has no affiliation with Metallibashers, Inc. or Metal Communications, Inc.

Please do not harass the board or its sysop(s), for it serves no purpose. Now understand that this article is not definitely stating that this board is directly connected to any law enforcement agency, you can decide this for yourself.

Article Written By >UNKNOWN USER<
(An Anonymous Phrack Field Reporter)

- - - - -
Editorial Comments...

~~~~~  
I just wanted to make a few comments about the above article. >UNKNOWN USER< is the official handle that shall be used by anyone supplying an article, but wishes for his name not to be mentioned. Its symbolic of the "anonymous user" function on Metal Shop Private, but it has no direct connection.

We, the editors of Phrack, do not necessarily agree with any of the above statements and we do encourage those with opposite viewpoints to voice them. PWN can be used as the forum for those viewpoints, in which I shall voice no opinion. One more thing, for the record, I did edit the article (with the author's consent) and will continue to do so to ensure that the original author's style will not reveal their identity.

:Knight Lightning

---

Toll Fraud Trial Sets New Tone

June 5, 1987

~~~~~

>From Network World
by Josh Gonze (Staff Writer)

"May be first jury finding for abuse"

Dallas - The recent jury conviction of a Texas man for the theft and sale of long-distance access codes may make it easier for long-haul carriers to stem the tide of toll fraud, which costs the industry an estimated 500 million dollars a year.

On May 11, 1987, a U.S. District Court jury here [in Dallas] found Dallas resident Jack Brewer guilty on two counts each of trafficking and possession of telephone access codes stolen from Texas National Telecommunications Inc.

(TNT), a Texas long-distance carrier. Brewer was charged under a section of the federal COMPREHENSIVE CRIME CONTROL ACT of 1984.

Sources close to the case said Brewer may be the first person to be convicted by a jury for toll fraud in the United States. The case is also seen as important because it indicates growing recognition of toll fraud as a serious crime.

Brewer was selling the stolen codes, which telephone callers use to access long-distance circuits of carriers other than AT&T and which those carriers use for billing, says Terry K. Ray, the Assistant U.S. Attorney who prosecuted Brewer. TNT officials said use of the stolen codes cost the company \$30,000. Ray said he met with representatives of MCI Communications Corp. last week to discuss the investigative techniques used to apprehend Brewer and legal methods used to win the conviction. Brewer will be sentenced by a judge on June 4 [Yeah the story is a little old, so what], and faces a maximum sentence of 50 years imprisonment and a \$1 million fine.

Toll fraud places a heavy financial burden on MCI and other carriers. Neither MCI or AT&T would divulge what toll fraud costs them, but U.S. Sprint Communications Co. said fraudulent use of access codes lowered its first-quarter 1987 revenue by \$19 million.

Brewer was apprehended through a sting operation conducted with the help of TNT, Southwestern Bell Corp., and the U.S. Secret Service. Southwestern Bell monitored Brewer's private telephone as he dialed numbers sequentially in a trial-and-error attempt to obtain active access numbers. The Regional Bell Holding Company kept a list of the working access codes obtained by Brewer. Secret Service agents then contacted Brewer, posing as buyers of access numbers. For \$3,000, Brewer sold them a list of 15 numbers, which matched the list, made by the RBC [Just a tad greedy wasn't he?].

MCI has joined with AT&T, U.S. Sprint and some smaller carriers to form the Communications Fraud Control Association (CFCA). Rami Abuhamdeh, executive director of Tysons Corner, a Virginia based group, said there have been several convictions for toll fraud to date, but those cases were decided by judges, not juries.

A number of federal and state statutes apply in stolen code cases, depending on how and when the offender defrauds the carrier, Abuhamdeh said. Gaston Sigur, a lawyer for exchanges, they will faze out code numbers as a way of accessing long-distance circuits and the level of toll fraud will decline.

Thanks to Jester Sluggo
Typed for PWN by Knight Lightning

PWN Quicknotes

~~~~~

A guy who was involved in the California area phreak/pirate organization, known as The Duplicator, was reported as being killed in a plane crash.  
Info by Sir Francis Drake (3/31/87)

-----  
Doc Holiday was busted for hacking a COSMOS system that was local to him. Apparently, he dialed direct and the CO most likely had CLID. (4/2/87)  
-----

KEN is working on version 3.0 of Forum-PC, and there are rumors that it may be public domain.  
-----

The Broadway Show BBS, once known as The Radio Station, will be returning to the 212 NPA. Please contact Broadway Hacker for details.  
Information From Broadway Hacker (4/16/87)  
-----



The rumor going around on Pirate-80 (P-80) that The Lineman is a fed should be disregarded as The Lineman in question lives in the western part of the nation and not the famous sysop of Atlantis. Information From The Lineman (4/20/87)

-----

Special Notice: As of Phrack XVI, Lucifer 666 will become the author of Phrack World News. Please send any news, stories or articles to him. I will be mildly active, but only for special reports or editing.

Knight Lightning - June 5, 1987

---

PWN ^*^ PWN ^*^ PWN { SummerCon '87 } PWN ^*^ PWN ^*^ PWN		
^*^	^*^	
PWN	Phrack World News	PWN
^*^	Issue XIV/2	^*^
PWN		PWN
^*^	"SummerCon Strikes"	^*^
PWN		PWN
^*^	Created, Written, and Edited	^*^
PWN	by Knight Lightning	PWN
^*^		^*^
PWN ^*^ PWN ^*^ PWN { SummerCon '87 } PWN ^*^ PWN ^*^ PWN		

Welcome to Phrack World News Issue XIV/2. This issue features the exclusive coverage of SummerCon '87, which took place in St. Louis, Missouri during the weekend of June 19-21, 1987. Before we get to the bulk of the issue I'd like to make a note that most of the people who originally claimed that they would attend did not show up, but this didn't stop us from having a great time. -KL

-----

PreCon'87; Tuc

Sunday, June 14, 1987

~~~~~

It all started Sunday with the arrival of Tuc from New York. He checked in at the Executive International Best Western and then later went to visit the Volkswagon Car exhibit that was currently appearing in St. Louis at the National Museum Of Transportation.

Taran King and Knight Lightning went to meet Tuc at the hotel unaware that he had not yet returned from his visit. In the meantime they contacted several other associates to learn more about other guest's plans of arrival.

Sometime later, Tuc returned to the hotel and fell for a trick pulled by Knight Lightning and opened the door to his room. From here, PreCon'87 began and before too long Forest Ranger joined KL and TK. After some more greetings, Tuc unveiled some of his surprises including a few of his business cards.

The gathering broke up for a few hours and then regrouped (with the addition of Cheap Shades) back at the hotel. From there, Forest Ranger led the rest of us on a trek into Illinois (where they sell alcohol on Sundays). We finally reached a place called "Fast Eddie's," which served not only as a liquor store, but as a bar and whorehouse as well. Tuc and FR made their purchase and the party left for the hotel.

Things remained pretty calm for a while, as we contented ourselves with the consumption of alcoholic beverages. However, as the night lingered on, we became restless and loud. It wasn't long until lawn furniture started to disappear from the hotel's pool patio and this is when we received our first call from the hotel desk. Soon afterwards, we decided that it was time to eat and so we sent out for pizza.

Now, although we tried to keep the noise level down, apparently there were still complaints about us. About 27 minutes after we ordered the pizza, we received a visit from FR's sister-in-law who brought us a warning. "Get the

hell out of here, the police are on their way!" That's all we needed to hear. Beer cans were grabbed and we were running for the door, when the hotel manager and security arrived. We explained that we were leaving and ran down the hallway. All of the sudden, the Domino's Pizza deliver man shows up. FR yelled, "Yo, Domino's dude. If you want to get paid, come down here!" There was no reaction. "Hey, you can deliver it to us here now or to jail, and then you won't get a tip." He finally got the point.

We grabbed the pizza and headed for a field north of Lambert Field (St. Louis International Airport). The place was known as the PVA (Private Viewing Area), but FR informed us that it was really a PFA (Private Fucking Area) as we noticed when we arrived. However, we were content with eating our pizza and drinking what was left of the beer. The hotel tried to get Tuc to pay for the room next door to his because the occupant complained that he didn't get any sleep. Tuc refused and checked out of the Best Western.

PreCon'87; The Omni International Hotel

Thursday, June 18, 1987

~~~~~

This event was hardly as eventful as the previous one, but at least I can fill in a few blank days. Monday, June 15, 1987, we all saw the movie "The Witches of Eastwick" and visited North West Plaza. Tuesday, June 16, 1987, I don't know about because I wasn't there. Wednesday, June 17, 1987, KL, TK, and Tuc visited Union Station (a luxurious shopping mall) and Tuc picked up souvenirs for friends back home.

On Thursday we had several guests arrive. Dan The Operator (a real geek) arrived the earliest and Lucifer 666 and Synthetic Slug arrived a little later (together). Excluding Cheap Shades at the time, we all converged at Taran's house where the excited crowd wanted to see Metal Shop Private. Sadly though, a disassembled shell was all that remained. It wasn't long before we became bored and left for the hotel. L666 and SS got a room and we killed the rest of the afternoon at North West Plaza. Afterwards we began to party it up in the room while watching TV.

Some hours later, we received a call from Bill From RNOC, who was traveling with Ninja NYC. They were at The Omni International Hotel, downtown and adjoining to Union Station. The Omni is one the most expensive hotels in the city and we were all anxious to see it. KL, TK, Dan The Operator, and Tuc left to go visit Bill and Ninja.

After some misadventures in downtown St. Louis, we arrived at The Omni, which was a pretty secure building. The elevators required a room key to be operated. It seems kinda silly though when you consider that the stairs didn't. So up we went to the third floor where Bill and Ninja were actually staying.

The rooms at The Omni aren't a whole lot bigger than at Best Western, but they are quite a bit nicer. They have a TV and a phone in the bathroom. The main TV is remote control and gives you a billing readout on channel 3. It was different.

Bill came well prepared for the Con, he had stacks of old and new issues of 2600 Magazine and other propaganda and material. He had several other interesting items as well including his mysterious notebooks that never left his sight. However, the most intriguing item that he had with him was his "bible." "Engineering and Operations in the Bell System" published by AT&T Bell Laboratories. You can guess what was inside.

So we all talked for a while and then said our goodbyes. The rest of the evening was for the most part uneventful for us, however, back at Best Western, Forest Ranger was lighting everything on fire and L666 attempted (unsuccessfully) to breath fire. I guess he wanted to live up to his name.

SummerCon '87 was about to begin.

---

SummerCon '87; The Beginning

Friday Morning, June 19, 1987

~~~~~

This was the day we had been waiting for. Dan The Operator had shared a room with Tuc (and he still hasn't paid his share) and Bill From RNOC and Ninja NYC got a room at the Best Western. Everyone soon gathered in Bill's room and decided to order pizza.

So we called Pizza Hut, which was just down the road and Bill was very surprised to discover that they did not have "BIG Igloo Jugs." After harassing the lady on the phone for a while, Tuc, TK, KL, Shades, and Dan left to go pick up the pizza. We didn't know Dan was taping us, but that story will be told later. We messed around at Pizza Hut for a while and then headed back to the hotel. On the way we had a drag race with some guy who thought he had a cool car, we won.

It wasn't much longer until Sir Francis Drake arrived bearing surprises. With him was Dr. Strangelamb (named for Dr. Strangelove, who wasn't too happy about it), a small stuffed black sheep that makes a "baa" sound when turned over. Lucifer 666 had a lot of fun at the Con playing with it. SFD also had several pictures of Oryan QUEST, his car, and Aiken Drum. As far as QUEST's pictures go, well lets just say that The Executioner's file in Phrack 13 was totally correct.

While back at the hotel, we had some problems with the management. They didn't appreciate our attempts at putting up signs in the lobby for SummerCon people. We worked something out, but on a nearby payphone was perhaps the strangest person we encountered the whole weekend. It was some weird lady who barked and scream and kicked the wall, while on the phone. FR was on the phone next to her and she screamed the word "COCKSUCKER!" He looked at her and she said "My son-in-law, what an asshole." FR's response was, "Uh yeah, I think I know some people like that."

We relaxed for a while back in Bill's room (We couldn't stand to stay in L666's room because of the lingering smell of Synthetic Slug's shoes). As we became bored, things started to be taken apart. Like the TV, phone, and the internal speaker system in the room. Throughout all of this, Dan The Operator had been taping us, but again that will be explained later.

SummerCon '87; Lets Party!

Friday Afternoon-Evening, June 19, 1987

~~~~~

Lex Luthor and The Leftist arrived at St. Louis Center and called for further directions. After a long and tiring ordeal, they finally learned how to reach us. Unfortunately it was rush hour and it would take them some time. We killed an hour and before long they joined us at Best Western.

After introductions were made, Tuc called Lex out into the hall, and then they in turn called me, Taran King, and Bill From RNOC as well. The topic of discussion was Dan The Operator who had hinted earlier that he was going to get a picture of Lex Luthor, without his knowledge. Less than 3 minutes later, Ninja NYC followed by Dan The Operator (tape recorder on) sneaked out the window and tried to reenter the hallway undetected. Ninja had no way of knowing what we were discussing and thus allowed Dan to come with. Suddenly we all started to run towards Dan with the intention of beating the hell out of him. However, he sneaked back into the room through the window.

Once the excitement was over we headed out to dinner. It was mostly uneventful, except for the conversations on the way. I don't know what went on in Tuc's car, but in mine we discussed Dan. We split into two groups, one went to Imo's (a pizza joint) and the rest of us (Bill From RNOC, Ninja NYC,

Lex Luthor, Tuc, The Leftist, and myself) went to a regular sit-down restaurant. We discussed all sorts of different things both phreak and non-phreak related, but again the main topic was Dan.

Soon we were joined by the others and we left to go back to Best Western where we found The Disk Jockey, LOKI, and Control C. These guys came extremely well prepared. They rented a station wagon somewhere in Michigan and filled it with a cooler (you can guess what was inside that), tons of magazines, manuals, electrical equipment, a mobile phone transmitter/receiver, and Control C's IBM PC, hard disk drive, and modem.

After which, Phantom Phreaker, Doom Prophet, Data Line, Forest Ranger, Bit Master, and another friend of FR's showed up. SummerCon '87 had begun. It was just a big party from then on, with the regular hotel party actions. Data Line had brought lots of TeleComputist back issues to the TeleComputist room and was distributing them around.

At different times during the night, the elevators were jammed and several people at the Con decided to go up on the roof. However, many of them also decided to search for the hotel's PBX system. Somewhere along the way, Control C, The Leftist, Lucifer 666, Cheap Shades, and I found ourselves locked inside the staircase of the main building.

The doors only opened from the outside, except at the bottom. Unfortunately opening the door at the bottom would result in sounding the fire alarm in the building. This was bad news because that was the last thing we needed. Even if it wasn't our fault there would be complications. So the five of us split up and each took a door to bang on. The hotel was mostly empty in these areas, but I knew that there were people on floor ten. So Lucifer 666 and I ran up ten flights of stairs and pounded on the door until we finally got a response, several in fact and many of the people weren't happy (it was after 11 PM). Before too long we had rounded up the rest of our crew and made it back to the rooms just in time to say good-bye to Phantom Phreaker and Doom Prophet who were leaving for home (they would return for the Con tomorrow).

Several more hours of partying commenced, as well as hourly pizza deliveries. Everyone was having a great time, however as the night dragged on, the concern regarding Dan The Operator and his camera (and other things) grew. He had been found already talking to John Maxfield once that night on the payphones and had been caught asking questions about several of the people at the Con. It wasn't long before the word "TeleTrial" began to be chanted by most of the Con-goers.

The interested parties gathered in the TeleComputist room and the interrogation began. Dan The Operator's explanations of events that evening had been proven false as they contradicted each other. The next step was to search his belongings. Forest Ranger led the prosecution and started through Dan's notebooks. In it was information about several of the people at the con and Taran King's and Forest Ranger's addresses (Dan had been to both their homes where he could have found the addresses). There were also phone numbers belonging to people that several Con-goers called. Obviously Dan had been keeping his eyes and ears open in order to gather information.

Dan became worried when FR wanted to search his suitcase and they stepped outside for a moment. For some reason Dan was worried about us seeing his dirty underwear. Now why would he become so frantic about dirty underwear unless there was something especially dirty about it. You can come to your own conclusions about this one. Anyway, Dan brought all sorts of electrical equipment with him, including welding equipment and light switches and things. The most hilarious item that he brought was Garfield the cat, a stuffed animal that he slept with.

The camera, tape recorder, film, and tapes were confiscated for later

examining and being that is was around 4 AM, everyone decided to get some sleep.

SummerCon '87; Conference Time

Saturday, June 20, 1987

~~~~~

Taran King, Cheap Shades, and I arrived back at Best Western around 12 AM. Most of the other Con people were either still asleep or out for breakfast. By 12:45 almost everyone was back and we proceeded to the "Kitty Hawk Room."

Some of the clothing worn at the Con reflected the person's interests.

| | |
|----------------|-------------------------|
| Bill From RNOC | - Computer Hacker (pic) |
| Lex Luthor | - VAX/VMS Rules! |
| Tuc | - UNIX Bozo |

The Con started off rather slow as no one really knew how to get it started. Finally Lex Luthor decided to discuss the current rumors about the BBS decline. From there the topics included;

Bulletin Boards
Busts (Texas, Virginia, New York)
Fiber Optics
Automatic Number Identification (ANI)
REMOBS
Laws
Handles
Groups
Broadway Hacker
Methods of blowing 2600 Hertz
SCCS
4TELS
800 CLID

Later, Bill From RNOC told some stories about his exploits and proceeded to draw diagrams of whatever came to mind. Phantom Phreaker and Doom Prophet were upset that no one wanted to discuss CAMA.

In the meantime, I noticed that Dan The Operator had disappeared. Forest Ranger and I investigated only to discover that the tapes had disappeared as well. We caught up with Dan later and discovered that the tapes were now in Control C's rented station wagon. LOKI let me in and I took the cassette I had been looking for and a roll of film. The tape had all of my SummerCon article memos on it and this article is partially the result. We didn't know about side B, but more on that later.

After the Con, Taran King, Control C, Lucifer 666, Bill From RNOC, and I headed out to my house where we had some serious copying to do. Control C brought his computer and we began to copy Metal Shop Private on to his hard disk drive. While this was going on, Lucifer was receiving a copy of my very own PWN software to aid him when he takes over with issue XVI. I left the cassette and film at my house, its a pity I didn't play it right away because this article would have had a very different end.

Anyway, we finished up and then headed to Chesterfield Mall, a nearby shopping center. From there we proceeded to the local CO and recovered some interesting artifacts. Our next stop was to pick up some hardware that we needed and then more trashing. We returned to Best Western and learned that Lex Luthor and The Leftist had left due to Leftist's tight schedule.

The rest of the afternoon was mostly uneventful. Lots of rain and not much to do. As night approached, the party part of the Con began to restart. Several of us got bored with this and decided to explore parts of the hotel. We found

a Navy wedding reception and decided to take in the food. The management didn't approve and we were bounced. So then we decided to take a look at the telephone wiring boxes in the hallways of the buildings. The problem was that to open them you had to rip out part of the wall. Nevertheless, things have a way of happening and the residents of several wings of the hotel found themselves without phone service.

The management didn't like what was happening at all and called the police to investigate. They spotted several of us running around the hotel and it was a mad dash back to the rooms for cover. LOKI was spotted going through an open window into Lucifer 666's room and the police decided to investigate it more closely. After an hour of panic and excitement, things cooled down and most of the people in Lucifer 666's room either went to sleep or were playing with Control C's computer and logging on to Metal Shop Private.

We were bored and so Ninja NYC, Bill From RNOC, Taran King, Tuc, and I decided to go throw ice on Dan The Operator. We ran down the hall and banged on L666's door. Suddenly one of the hotel managers appeared and threatened us that if we didn't go to our rooms and keep quiet he would call the police. We left the hall and went to the back parking lot. Ninja started a wheel rolling towards the building and we all knew what the result would be <CRASH!>.

Before it hit we ran at full speed around to the front of the hotel where we were greeted by a hefty officer of the Bridgeton Police Department. He was sort of leaning on his car facing us. It was so eerie because it almost seemed as though he knew we were coming and was waiting for us. We slowed down considerably until he said, "Run to me boys." No one really reacted until he said it again, "C'mon run to me boys." Ten seconds later he was joined by the asshole manager that had yelled at us not more than 60 seconds ago. "How old are you!?" he asked checking for curfew violations. Our replies varied from 17 to 21. "Where are you from!?" Bill and Tuc replied New York, the rest of us kept quiet. "Lets see some room keys!" We showed him two keys and then he looked at the asshole manager and said, "They belong here." "Why are you outside, what are you doing!" Taran replied, "Going to get something to eat, is that okay mister!?"

Our car was parked next to his and we took off for a while. He tried to follow us, but we quickly left his jurisdiction. While we were out we found the home of Bigfoot (the truck). We messed around there for a while and then returned to Best Western and walked around some of the vacant floors of the hotel.

The only other interesting activity we did that evening was a 3 AM trip to a 24 hour food store. Bill From RNOC, Taran King, Tuc, Sir Francis Drake, and I went to a Super Schnucks and messed around there. It was huge and we almost lost SFD. After making a few purchases, we went back to the home of Bigfoot and Taran decided to play bumper car with some of the super huge tires in the parking lot. We returned to the hotel for the last time and found Ninja NYC on the phone with L666's current girlfriend. We harassed her for a while and then I fell asleep. Taran and a few others made a few other trips around town and woke me up at about 6 AM Sunday morning.

SummerCon '87; Good-bye & Good Luck!

Sunday, June 21, 1987

~~~~~

Forest Ranger dropped by early to take Bill From RNOC and Ninja NYC to the train station, Taran King went along for the ride. It would be over 24 hours before they got home. Tuc took Dan The Operator to the airport around 7 AM and at about 8 AM Cheap Shades and I dropped off Sir Francis Drake who was on his way to Boston. I took Cheap Shades home and then went back to my house to crash out.

Forest Ranger went back to Best Western to find everyone in Bill's room. Bill

and Ninja never checked out because of an excessively large phone bill that they didn't want to pay, so everyone took advantage of this situation and started to to order room service. Sometime later a bellboy appeared to collect the money due for the room service and everyone left leaving Forest Ranger behind. "Hey, I'll be right back, I left my wallet in my car, hold on a sec, okay?" FR never returned and everyone went home except for Tuc who was at another hotel (He took a room at Ben Franklin because he wasn't welcome at Best Western after what happened the Sunday previous).

Around 10 AM, I decided that I didn't feel like sleeping and started playing the tape only to find several unauthorized recordings. Dan had been taping us all throughout the Con, but the interesting parts came later. There was part of an Alliance teleconference on the tape where Dan tried to act like he was some real important person (what a joke!) and a botched up social engineering job. The BIG shocker hit when I flipped the tape over to discover 45 minutes of a conversation with John Maxfield aka Cable Pair of BoardScan. I won't go into details about the conversations right now, but the scary part is that the tape ends before the phone call does. In other words we don't know exactly how much information was passed, but we do know that it has been an ongoing thing, perhaps for months. An actual overview and possible transcript of these conversations will appear in PWN XV.

I was in shock. I couldn't believe what I was hearing! It especially hurt when information was passed about people that I actually knew and had met. If only I had played that tape the night before, this would be a different story entirely. I didn't know exactly what to do. I had stopped calling out, but I was willing to pay for a few calls to spread the news. The only problem was that the majority of the people I wanted to contact were still en route home or unreachable. I finally was able to reach Tuc who was still in St. Louis. He dropped by and I played him the tape. Since then, Taran King and Forest Ranger have also heard most of the tape and preliminary investigations have begun.

We have discovered some information linking Dan The Operator to the FBI, but more on that next issue.

---

#### PWN SummerCon '87 Quicknotes

~~~~~

SummerCon Promotional Posters were created by Lucifer 666. They featured many trademarks of well known telecommunications companies as well as different plans and schematics for boxes and other equipment.

The Southern Baptists were in town during the week for some National convention of their own.

Johnny Rotten was supposed to appear at SummerCon '87 and called to confirm his plans on Friday Evening, June 19, 1987. He never appeared.

The full guest list of SummerCon '87 includes;

Bill From RNOC / Bit Master / Cheap Shades / Control C / Dan The Operator
Data Line / Doom Prophet / Forest Ranger / Knight Lightning / Lex Luthor
LOKI / Lucifer 666 / Ninja NYC / Phantom Phreaker / Sir Francis Drake
Synthetic Slug / Taran King / The Disk Jockey / The Leftist / Tuc

In closing, SummerCon '87 was a fantastic success and anyone who missed it, missed out! See you next year at SummerCon '88. Plans are already being made!

:Knight Lightning
