

CYBERTEK MAGAZINE

The Cyberpunk Technical Journal

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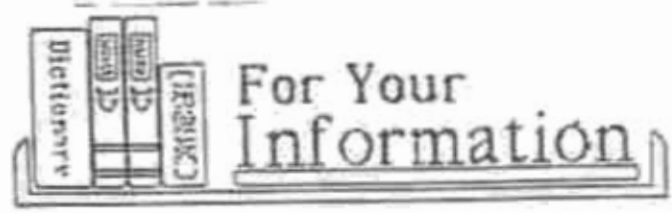
Greetings and Salutations!

Welcome to issue #1 of Cybertek Magazine: The Cyberpunk Technical Journal; brought to you by OCL/Magnitude. As you see, our format is pretty loose, so if you have anything which might be interesting, please send it in. We are primarily a technological-based 'zine, although if I like something that isn't along those lines, I'll include it anyway.

A few of you out there are probably wondering what this magazine is really about, and just what does "Cyberpunk" mean? For starters, Cyberpunk is more of an attitude than anything else at this point. It basically states that people should grab onto the practical, street aspects of technology with both hands and hang on! It's a middle ground where underground culture, symbolized by the punk movement of the '70s, meets with the technological wizardry associated with the hacker movement which most of you are somewhat familiar. No, this isn't a "hacking" magazine. This is a technical journal for the still-newborn cyberpunk movement. Yes, we will have articles on various aspects of hacking, but we will also cover other aspects of technology which are just as important: telephones, radio, chemistry, security, and survival. We also cover the "punk" aspect of cyberpunk as well, as no good cyberpunk 'zine would leave it out.

Finally, Cybertek is an open forum. If you have something to say, anything, send it to us, and if we feel it's relevant, we will print it, credited, and give you the opportunity to let your opinions be heard.

We intend to provide anyone who needs it with information on how they can use technology to their advantage, instead of being oppressed by it, and to let people exercise their freedom of speech and thought without having to use a printing press. To quote Bob Dylan: "The times, they are a changing.", and unfortunately they are for the worse. Every day, our freedom becomes less, and less. Some day, unless we do something, we may wake up and have none. Cybertek magazine is OCL/Magnitude's small contribution to the preservation of freedom in America.



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Thomas Igoe, editor

computers which cost less, and do as good a job.

Radio Communications by Thomas Icon

Welcome to what will hopefully be a more or less regular installment in Cybernet. In this column, I will be discussing the many aspects of Radio Communications. For this month, we will be discussing some communications basics, and will be spotlighting ham radio.

Hams are federally licensed radio operators who experiment with radio communications. They are licensed on many different frequency bands, ranging from shortwave to microwave, and are allowed to use not only voice, but also digital communications and video transmissions. Becoming a ham is fairly easy, requiring knowledge in Morse code, and in basic electronics, and not only allows you legal use of certain frequency spaces, but also legitimates playing around with radio. It also makes the purchasing of some rather powerful communications equipment alot easier. While one can play around with radio, and not be a ham, being one makes things alot easier.

For starters, the measurement of radio frequency is MHz., or Megahertz. There is a real complicated explanation that goes with that, but don't worry about it. You'll understand it when you start studying for your ham license. For an example, The FM on your stereo goes from 88 to 108 MHz., while AM is .4 to 1.6 MHz. channels 1-12 range from 54-201 MHz., and cellular phones are around 900 MHz.

Frequency Bands

Shortwave: The shortwave bands go from 1.8 MHz. to 30 MHz., and are known for their worldwide range. Used by anyone with a need to go from one end of the country to world, or another. Various users include international broadcasters, ham radio operators, and government entities.

VHF: from 30 MHz. to 300 MHz. Mostly line of sight range. Well known sub-bands include:

VHF Low Band: Goes from 30 MHz. to 50 MHz. Used mostly in rural and mountainous areas by public safety agencies and businesses. Range up to 50 miles on a regular basis. Also used extensively by the military.

VHF High Band: Goes from 144 MHz. to 174 MHz. 144 to 148 MHz. used by hams (2 meter band). 148 to 158 and 160-174 MHz. used by military, and other government agencies, 150 to 160 MHz. used by public safety agencies, and businesses. Range averages about 20-30 Miles.

UHF: from 300 MHz. to 3000 MHz. (3 GHz.; Gigahertz) Used by government agencies, public safety agencies, and businesses. Best used in urban areas. Range is 10-20 miles on the lower end, straight line of sight on the higher end. Popular applications include:

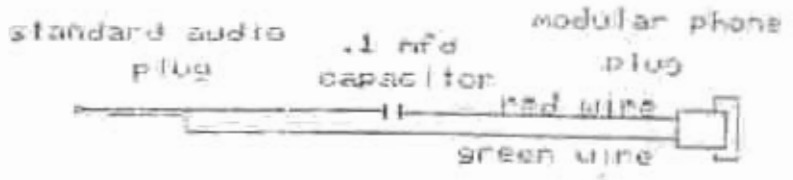
CONT'D PAGE 4

VINYL LACERATIONS by Sio

Okay, the editor asked me to write an article on punk music. After all, cyberpunk is supposed to draw part if not most of its attitudes from the punk scene, so I guess I do make sense to write about the music as well as any other aspects of past and contemporary punk/underground culture. (now imagine Reagan's voice) Wellllll. First of all, there really isn't a punk "scene" anymore, at least not in this country, but the "underground" still exist. Punk did have a kind of ethic in the 70's. It... included such concepts as, "honor among punks", "reject the establishment", and acceptance of a wide range of weirdness. (if reading about and still using Reagan's voice keep it going, you're starting to sound funny and this is serious) So our (the Cybernet staff) goal is to bring to life the concept of cyberpunk. I also intend to trash a lot of gap culture (an oxymoron), poke fun at punks, skinheads, hardcore, industrial, "New Wave", and generally make fun of everything. So if I offend you, is one of these articles don't worry, next issue I'll offend someone else too. Now back to the music. (Si, I don't speak like this, but this is the way I choose to write, now just off!) I'll grab a few concepts from the Tronkey record books, my own opinions, my friends' opinions, and whatever way to best come to hand it. So mail in tapes, reviews, coverage, writings, or opinions; I'll use whatever is relevant or at least interesting, but please try to let words in somewhere, after all that's the point of this column. Might as well contribute, group before I end it all: Diink-Crank. Now email me your address is:

Cybernet Magazine
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Brewster, NY 10505
ATTN: Vinyl Lacerations

Is it my imagination, or has college radio gotten just so safe, formatted, and predictable a Pop and "Classic Rock" stations? Long for articles on low-budget counterprogramming in upcoming issues. Can you use "pirate radio" toys and give me that? I'm saying you should do it, after all, it's illegal.



A Simple means of recording audio off of, or playing it down a phone line.

Check out garage sales, flea markets, and Salvation Army stores!

Greetings, and welcome to "The Day After". This column is for all the would-be survivalists out there. It is here, that I will make an attempt to educate you on the finer points of surviving various natural and man-made disasters. As time goes on, I'll be getting into some more advanced survival techniques, but for now, the basics.

There is quite a bit going on out there to worry about today. Within the past year we had two large-scale natural disasters: The San-Francisco Earthquake, and Hurricane Hugo. There was also a tornado in the Summer of 1989 which tore through the New York Metro Area (not far from CyberTel magazine's location actually); which is very unusual for this area. According to various scientists, this is just the start of a funky-weather trend which is going to be with us for a while. The economy isn't in all too good a shape either. Some very respectable economic advisors, among them Howard Ruff, and Dr. Jim McKeever are predicting a depression. Also just recently, I.B.M. "eliminated" 11,000 jobs across the nation, an indicator that even they have been hit hard since the October 1987 stock market crash. Last, but not least, there is the current drive to ban private firearms ownership by American citizens. Despite all indications from the FBI, and other government agency reports that within the past 18 years firearm-related crimes have went down, and that firearm-related crime prevention instances went up; both our elected-representatives, and "media experts" state that "firearms must be taken out of the hands of the citizens". Personally, I feel that when something like this is happening, the government is up to something nasty and doesn't want its citizens able to defend themselves against it.

As you see, there is a lot of things going on out in the world to worry about, and thus a good reason to be prepared in case one of the above decides to happen. There is an old saying "An ounce of prevention is worth a pound of cure.", and it still holds very much true today.

A major part of surviving a disaster of any type is being adequately prepared. In this month's installment, we will discuss the putting-together of a short-term survival kit. The object of this package is to be easy to carry around in a small backpack or in a car, to keep you alive for 3-5 days, and to act as a basis for a large equipment set-up. The 3-5 day time period is considered to be the maximum figure one will have to endure before intermediate help is available. Within 3-5 days you should be able to either 1) Get further help from the authorities in a natural disaster situation, 2) Get to your main supplies, or 3) Be able to scrounge up something more substantial.

For those of you wishing to take the quick route, may I recommend a company called "Survival Inc.". These people

CONT'D PAGES

Sticks and stones beat fists and feet.

As seasoned survivalists have a saying, "It ain't who's right but who's left." Survival has ALWAYS depended upon one's ability and capability to survive. It has nothing to do with who is right or wrong. And one's ability to survive is becoming more crucial every day.

I feel very fortunate to have grown up in the 50s and 60s, and I feel very sorry for my many young readers who weren't around during those times. Because our freedoms and lifestyles are being eroded gradually on a daily basis, losses are sometimes hard to recognize over short periods of time. However, since the 50s and 60s, the cumulative losses are now enormous. Consider how things were back then and how they are now:

(1) THEN, you were a much-freer person. TODAY, every phase of your life is controlled. Perhaps this area alone makes me feel the greatest amount of sorrow for the young people of today. Only few of them will experience what it is really like to be FREE. I can think of the count less hours I spent as a teenager and young adult hunting just about any where I wanted to with any weapon I could afford, shooting off the most powerful fireworks and home-made rockets, drinking Coors down by the river, swimming nude in spots set-aside for young adults, and running wild and having just a good ol' time. TODAY, you can't fart without a permit. You can be arrested for possessing a spritzer. There is almost nothing you can do without either breaking a law, endangering your life because somebody will mess with you, or paying a huge user-fee, tax or insurance premium.

Every second of your life is now surveilled by big Government and big business. If you don't believe me, get a hold of your credit report from your local Credit Bureau and learn just how much you are really being spied upon. (You pay for the report; instead, apply for an outrageous loan and then demand a free copy after being turned down).

I consider the loss of our freedoms to keep and bear arms to be the most offensive and dangerous of all of our losses of freedoms. The intent of the Second Amendment is crystal clear: Our Founding Fathers intended for every adult male (as females did not serve in the militia) to possess, train in the proper use of, and to use as required to defend freedom, not only guns but rockets, explosives and artillery (as these are all classified as "arms" that existed at that time). And for over 100 years, that's how the Second Amendment was largely interpreted to mean.

However, our judiciary is now so corrupted and controlled that I doubt if you will find a Federal judge anywhere that will admit to the truth when it comes to Second Amendment issues. Now, even single-shot hunting rifles are threatened. You won't even be able to hunt with lawn-darts - because they're illegal too. Your right to keep and bear arms is that thin blue line that protects every other right defined by the CONSTITUTION.

And if you think that you have true First Amendment rights - think again. As publishers of very controversial works, I can tell you that the extent of your First Amendment rights largely depends upon whether or not you own

CONT'D PAGE 6

Radio Comm: cont'd from pg. 2

400-512 Mhz. : Known as the VHF business band. This is requested by government (in the 400-412 Mhz. range), public safety agencies, and businesses. Used mainly in urban areas.

900-906 Mhz. : Well known for its use by cellular phones, also beginning to be used for public safety and business communications. Shorter range than VHF, but even better suited for urban areas.

Next issue, we will go into greater detail on frequency band usage, and provide a frequency chart which details more extensive frequency allocations.

Communications Equipment

There is quite a bit of readily available communications equipment out there which can be bought off the shelf, and be used without delay for your groups "activities". No, you're not going to be able to go down to your local Radio Shack, and purchase a CB-style commo setup for \$17.95, but the equipment is very workable, and can be later modified at little extra cost to emerge a rather kick-ass custom commo network. If you make an effort at checking out garage sales, flea markets, second-hand stores, as well as keeping an eye open for clearance sales at department stores, you can put together a system for under \$100, depending on how large you want it.

The least expensive route to go is with Citizen's Band (CB) equipment. CBs can be had ~~as~~ little as \$30-\$40 a unit, and are available anywhere, which puts them in everybody's reach. CBs operate in AM and SSB mode, and put out 5 watts AM, and 12 watts SSB. Their frequency coverage is 40 channels in the 26-27 Mhz. area. The range can get up to 20 miles, which is adequate for tactical and mid-level communications within a particular group's area of operations. CBs don't require a license to operate. CBs can also be modified for greater output power and frequency coverage, which increases their range and privacy, although these techniques are illegal unless you're a ham modifying a CB for 15w (28 Mhz.) operation. In practice CBs are quite adequate for communications, however since they are easily obtainable and popular, there are problems with security, and interference from other users, although they are still adequate, and even more so when modified.

For short-range, tactical communications, nothing beats the hands-free FM walkie talkies which operate in the 49 Mhz. region. These units feature a VOX headset, and have a range between 1/4 mile to 1 mile under certain conditions. These short range plus hands-free use make them ideal for small-unit operations. They can be bought brand new for about \$60 a pair, and are also available in 1 channel versions, allowing for an even greater use potential.

Recently, several places have been selling VHF marine band equipment. The VHF marine band uses FM in the 156-157

Mhz region, and has 12 channels. The plug-in is a great 44 50-watt amp (the 20 watt base/pulse units). These units are intended for use with boating equipment, and a license is required. If your group's activities involve water-borne operations, then I'm sure you could find a home in one of the 12 channels, provided you watch what you say, and don't cause any interference. Many boating enthusiasts use non-specific use allocated channels as their own version of CB. If you live in the midwest or further than 50 miles from any sizable quantity of water, then you could use any of the 12 channels with impunity, altho the FCC takes a dim view of this. Equipment is available in both handheld and mobile/base configurations and costs \$200-\$250 per unit.

Recently, some places have been selling, particularly through mailorder, handheld equipment which operates in either the VHF-High Business band in either the 151 Mhz. range or on 154.5 Mhz, and UHF band on it's frequencies allocated for low-power use. This FM equipment puts about 1 watt, and has an average maximum range of 5 miles. Cost can run as low as \$100 per unit. Again this equipment requires an FCC license, but anyone can get it, and no one checks to see if you have it unless your interfering with another, properly licensed station.

With the above equipment, one can form the basis for a relatively inexpensive, custom designed, commo network. Next month, we will be discussing some more powerful equipment, and start discussing the basics for a custom designed communications network.

TRY THIS #1*
 * USE ON SOMEONE YOU DON'T LIKE.

THIS IS A LITTLE TRICK THAT A FRIEND IN CARMEL TOLD ME ABOUT. I HAVEN'T TRIED IT YET, WHICH MEANS IT MIGHT NOT WORK. TAKE A LARGE SHEET OF FOIL AND FOLD TO THE SIZE OF THE SCREEN OF A TV OR COMPUTER THAT HAS A BRIGHT DISPLAY AND WILL NOT BE USED FOR SEVERAL MINUTES. TAPE THE FOIL SO THAT IT IS PRESSED AGAINST THE SCREEN. AFTER A FEW MINUTES THE FOIL WILL BUILD UP A POWERFUL CHARGE WHICH WILL SHOCK ANYONE WHO TOUCHES IT.



TV OR MONITOR
TAPE FOIL HERE

-511

Buy a modem for your computer.

Survival Sunglasses

by John Williams, M.D.

(reprinted from September, 1987 Rebel magazine
with permission from Cosmoelectronics)

Ed Note: Although this article was written almost 9 years ago, I thought it might be appropriate since mirrored shades are considered the official Cyberpunk eyewear, and this little treatise about them should give you some other reasons why they are a handy item.

Highly reflective sunglasses (motorcycle police type) have major survival advantages. They can be obtained in both prescription and non-prescription form in any style. In fact, you can have existing glasses (not with plastic lenses) refitted for about \$10. (a little more today, I'd say). Silver is the most popular coating but there are also blue, tan, pink, etc. The basis of this article is my own experience with reflective sunglasses and those of others I have interviewed. The following survival advantages are possible:

1. **DEALING WITH UNDESIRABLES:** Particularly burglars and other scum. Gives the impression that you are a psychopathic killer and prevents your eyes from being read.

2. **DAY TO DAY AFFAIRS:** Highly reflective glasses give the impression of toughness, seriousness, or authority. They keep people from reading your emotions or second guessing your next moves. Also, very important, they permit you to see behind you like wearing rear view mirrors. You can observe an impending threat and not give yourself away until you are ready to react.

3. **OTHER ADVANTAGES:** They provide good eye protection, they alter your appearance substantially to avoid potential hassles.

However, highly reflective glasses do have some disadvantages:

1. They may be too dark for night, indoor or cloudy day use. You also lose some color perception.

2. They reflect a lot of stray light from behind and into your eyes, which can be distracting - even blinding. They may not be satisfactory where there are a lot of street lights and lighted signs. The closer to the head, the more the stray light is reduced. You definitely should continue wearing them in environments that you frequent late depending on them for a survival edge.

A shotgun is the best firearm for defense and close combat.

701 "72 hour kits" which contain food, shelter, and light for 72 hours (3 days), and would form a good basis for your survival kit. Their prices are also very reasonable, and the material is high quality. Another good company is Nitro-Pak, which also deals in survival food and other supplies.

A survival kit should provide the following:

1) **Food & Water** - You should have at least 2000 calories of food, and one quart of water for a day. For food, the best are the military MREs; although they take up a lot of space. MREs are designed to provide a high calorie diet for high activity situations, such as combat, and survival. Another good source are the single serving cans of chili, beef stew, sardines, and so on that are sold in supermarkets. Water is the more difficult prospect, as it takes up a lot of space, and is heavy. Packaged water is available, although two 2 quart military canteens will provide a 4 day supply, and are easy to carry around and store. One should also get a water filter to augment your supply; as water is one thing that you can't have too much of.

2) **Shelter** - I recommend carrying a "space blanket", and a U.S. Military Issue Poncho. Both of these can provide overhead cover and warmth, and don't take up too much space.

3) **Heat and Light** - Candles and Matches serve both of these functions. A candle will not only provide light, but will also keep you warm when you bring it inside the space blanket with you. Matches will also enable you to start a fire if something bigger is desired. Waterproof camping matches are best, although one can get book matches free from many places, and waterproof them by putting a coat of nail polish on them. Cigarette lighters are also handy as they out-last matches. Other handy light producers are cyanide light sticks, and Mini-Maglites.

4) **Firearms** - for our 72-hour kit, a firearm will provide you with protection from many nasty situations, as well as a means to hunt game should the opportunity arise. For these purposes, your best bet is a semi-automatic .22 caliber rifle. This weapon is suitable for both self-defense, and for small game hunting, and presents a non-threatening image as far as firearms are concerned. My favorites are the Charter Arms AR-7, and the Ruger 10/22 with the optional high-capacity magazines. For ammunition use CCI stingers, or a similar brand of hyper-velocity hollow-point ammunition, for added stopping power. I suggest carrying about 500 rounds, which should be adequate for any situation that might occur until you either get help from the authorities, get to your main supplies, or scrounge up something else. If you really want to pack some firepower, carry around a 28 gauge pump shotgun or a .223 Remington semi-automatic (Ruger Mini-14), although for a interim

are prone to get attention from the "authorities". The ammunition as well as the firearm itself weighs a little more. However, if the most probable disaster is a major breakdown in civil order, or the accession to power of a dictatorial form of government in this country, then the added firepower might be needed in order to get you home safely, but for most situations, stick with the .22.

5) First Aid - A good, well stocked first aid kit should also be carried. There are many varieties out there which will suit your purposes well. Include some aspirin or similar pain-reliever.

6) Tools - For starters get a good Swiss Army Knife, or Leatherman Tool. You might also want to include some paracord, safety pins, sewing needle, and rubber bands. If you wear glasses, include a back-up pair.

7) Signaling - A handy thing if you're in the woods, to let rescue personnel know where you are. The old stand-bys are the whistle, and signalling mirror (very handy). If you are in a somewhat civilized area, you might also want to pack a CB Walkie-Talkie. For disasters in which the government is still around, a portable AM/FM radio might also be a good idea.

The above should help you deal with the first 3-5 days of an emergency situation. This list is by no means exhaustive, as there might be something particular to your needs which might come in handy, but it should start as a basis. Finally, the last and most important thing needed is the proper skills and attitude. Without those you will never make it!

If you would like to comment on this column, or contribute anything to it, we can be reached at:

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E-TRK: Survival Column

Suppliers mentioned in this column:

Star-Pak
1343 E. Rosecrans Ave.
Escondido Springs, CA 92678
(714)-882-8899

Survival Inc.
5608 S. Figueroa St.
Cadena, CA 92240
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example, since first publishing AUTOMATIC TALKER MAGAZINE in 1978, my life was threatened by a banking/ATM conspiracy: publishing out of the Twin Towers in New York, efforts have been made to destroy me the AG of New Mexico to put me out of business, banks have refused my loans and have cancelled accounts on an "expired" upon "false" excuses, and at least one major banking and ATM organization, Security Pacific (worth \$77 Billion), has been snooping into our Credit Bureau records. The only First Amendment rights you now have are those accorded to you by big-shots.

WHO TO BLAME: We have progressively been moving into a class state. The people behind this movement are just about everyone in a position of power. By controlling you, they can better force you to do THEIR wills - and destroy those they don't feel are sucking-up enough. And once they've got your guns, the only thing you are going to be able to use your hands for is to try to cover up your genitals when the big-shots get around to herding you into the "showers."

At first blush, it seems ironic that while officials everywhere are publicly applauding the crumbling of the communist dictatorships of the Soviet Union and Eastern Europe and the fresh air of freedom now blowing thru those lands, while at the same time, doing everything within their power to erode and destroy freedom in the "Free World". But the truth is that the big-shot capitalists just can't wait to subject their youths to flipping burgers for a living, paying thousands of rubles in car insurance for the privilege of driving, and getting ripped-off by the credit card companies.

(2) THEN, it was, "ask not what your country could do for you but what you could do for your country." TODAY, it's, "I've got mine, so up yours!" Now, there are no rules. Whatever you can get away with - by hook or by crook - is 100% OK. The end justifies the means. You are only wrong if you get caught, prosecuted and imprisoned without being able to buy, bullshit or suicide yourself out of the situation.

WHO TO BLAME (or to credit): This has always been the attitude of the rich and powerful. They have always demanded that ordinary people keep on the straight and narrow, while at the same time they have robbed, cheated, gouged and lied to anyone and everyone they could to gain enormous wealth and power. Nothing makes a big-shot belt-up in bed in the middle of the night soaked in a cold sweat faster than the fear that the people will find out that they are being ripped-off and will take the law into their own hands. But thanks to Ronald Reagan, the gospel of "Locking after Number 1" has trickled down to the middle and upper-middle classes. Thanks to Lennie that eternal Hollywood liberal scab - greed has become thoroughly desecrated.

(3) THEN, altho the "justice system" has always favored the rich, there were many honest and decent police officers, prosecutors and judges, and your prospects of getting a fair trial or justice if you or a loved one were the victim of a various crime, were much higher. TODAY, most prosecutors and judges are bought off. Even horrendous white collar crimes are treated with kid gloves - if not ignored altogether. \$ab \$ Millions (run as \$60, taxes, Pentagon contractor or government agency, and the police, prosecutor, judge and you will grin and wink back and forth at each other until the courts are closed and the judge is gone.

CONTR'D From page 3

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culous. And if you are convicted of such a crime, you will be fined a small percentage of the rip-off and required to do something really punitive like, "community service."

WHO TO BLAME: Enforcers of the legal system are bought and sold like condoms over the counter. Now, police commissioners, prosecutors and judges, and dope dealers live in the same neighborhoods, go to the same uptown parties, belong to the same clubs, move in the same social circles and send their kids to the same schools. They spend so much time sucking each other off, it's a wonder they can get anything done! If you are part of the clique, no crime is too great to get you punished. If not, no crime is too small to get you harassed. And if you are young-and-or-our-own, have long hair or a beard, are poor or lower middle class, and-or are non-Anglo, they don't even bother to unscrew the lid from the jar of Vaseline!

I can plainly see it here even in this small nook of the world - Alamogordo, NM. One of our mayors and real estate big-shots (Frank Carr, Jr) was finally arrested for child molestation. He confessed to molesting children in our community for over twenty years! When he wasn't draping one of his own kids over a log in the forest, he was trying to drape yours. Because of the influence of his big-shot friends at the Chamber, he got two years in the State's mental institution, and was released about a year later. His "therapy" consisted of viewing TV tapes and photos of children being molested. He now lives in Albuquerque.

In another case, a young Hispanic male from the barrio was arrested for carrying a couple of ounces of weed. He was sentenced to the New Mexico State Prison in Santa Fe. A year later, he was killed in the New Mexico Prison riot - had his eyes burned out with a blow torch. Shortly after he was convicted, a big-shot doctor was arrested for growing weed in his backyard by the kilo. He got to spend a few Sunday's in jail.

(4) **THEN**, you could get out of high school or college, find a decent job, get married, buy a home, and experience the American dream. **TODAY**, the probability is very high that you've got to set-up household with a minimum of one other full-time worker, you don't have a prayer of becoming self-sufficient trying to "earn" a living, and the only house you will live in is one owned either by your folks or the landlord. Over the last 8 years, while the cost of food, energy, insurance, medical care, etc has doubled, tripled and quadrupled, minimum wage has not increased a single cent! Altho most people don't earn minimum wage, most people get paid based upon a scale related to minimum wage. Because minimum wage has not increased, millions of young people have been robbed of their futures. During these same 8 years, the wealthiest 10% of our society have made off like bandits.

WHO TO BLAME: The blame here is clearly the huge political influence of big-shots in the business community. They outright own just about everyone who's job can be defined as political. If they need a blow job, they get on the phone and ring State Senator and five minutes later he is at their door salivating like mad. If they need a 25% auto insurance rate boost - it's as automatic and as evil.

(5) **THEN**, you could find a decent, full-time, permanent position with decent benefits. **TODAY**, you're lucky if you

benefits. And if you can, it's probably because you've got a relative or friend who got you in, or you spread your legs for somebody. Getting a good job these days has a lot more to do with who you blow than what you know. And even if you do find a "good job" with good benefits, your employer can now LEGALLY rob every line of your retirement fund - leaving you homeless and destitute - thanks to a Federal law passed by Congress and signed by Reagan.

It's obvious even around here. For example, if you want a job with New Mexico State University, it sure seems to help if you are a fuck-bitch to some big-shot in Las Cruces. I asked one NMSU administrator, "What is the point of bullshitting NMSU students that if they study hard and work hard, they'll get a better job, when the truth is that the only skill they need to learn to get a good job at NMSU is how to give it up?" And if UNM (in Albuquerque) really wanted to teach their business students how to become outrageous financial successes, then the only thing they need to teach them is how to get the parking meter concession at UNM.

WHO TO BLAME: Again, the captains of our industries and institutions, and their kiss-asses in the Chamber of Commerce, who are not going to be happy until 90% of the population is literally enslaved.

(6) **THEN**, you could drive a car for a few dollars per week. Gas was cheap and you didn't have to buy insurance. **TODAY**, gas cost you a fortune and the insurance companies have fixed it so you can't drive a mile per year without paying \$1,000+ in premiums. Their system is very simple: They bribe state legislators requiring you to buy car insurance. The police power of the state then become Mafia-style enforcers to force the collection of the insurance. They then jack up the rates at least 2-3 times the inflation rate every year. For providing millions of people absolutely nothing except a box-full of receipts, they steal \$ Billions from them - totally legally without you having a single recourse under the law to stop them and still be able to drive.

The insurance industry is now so powerful that they can even deprive you of your say at the ballot box. California is an ample example of that, where the insurance industry has virtually defeated the referendum to reduce insurance costs. If the California referendum authors had been a little smarter, they would have written the referendum to read, "No State law can be passed or enforced that requires or compels a resident to purchase auto insurance without the State itself providing that insurance at no greater than 1% of the resident's annual net income or \$1,000 per year, whichever is less." Then, the insurance industry would not even have a legal leg to sue on.

WHO TO BLAME: The insurance companies. Oh, sure they blame the lawyers (another group of swindlers). And the lawyers are partially to blame. But it is the insurance big-shots who bribe politicians to pass laws requiring you to get insurance - not the tort lawyers. They also blame the car crash victims, so you know how much to believe them. The truth is that insurance companies are parasites, and they suck a greater percentage of your blood every year.

What I can never understand is that the same middle-class police officer, who is equally victimized by the

(partially reprinted with permission from Jan., 1982 REBEL)

drivers for not being insured. The insurance big-shots must surely be slapping their knees and horse-laughing at the country club over the fact that they can get some big, burly police officer, who will risk his life to bring down a drug dealer with an Uzi or rescue a child from a burning building, to do their dirty work for them like some whimpering dog who has been beaten into submission.

(7) THEN, you could swim in a river that was clean, breathe fresh air, and eat wholesome foods. TODAY, most things have turned into garbage. Everything is purposely polluted or poisoned. Birth defects and illnesses are at epidemic levels and increasing daily. Where there used to be wide-open virgin forests and clean and pure bodies of water, you find fences, mining operations, erosions, chemical spills and trash.

WHO TO BLAME: Virtually all of us must share the blame here, but some of us much more heavily than others. These are the captains of our industries and institutions and the big-shots who protect their interests. It is up to us to protect our environment in our day-to-day activities, and to insist that big-business and government also protect the environment.

(8) THEN, you could find an attractive person, have sex with her/him with the only fears of the girl getting pregnant - with a much less concern about venereal disease. And even if you got VD, it was virtually always curable. TODAY, have sex with the wrong person, and two years later you might be down 50 pounds, with SUPER all over your body, and nothing to look forward to except death!

WHO TO BLAME: My view is that AIDS (and probably a couple of other newer VDs and versions) resulted from government biological warfare experimentation. The question is which government? I doubt if we will ever know. Probably several have done this to us.

(9) THEN, 90% of all American businesses were owned by Americans. TODAY, most of our big businesses (and many smaller ones) are owned and controlled by foreigners. For example, nearly one-third of all U.S. banking assets are now foreign-owned. That means, every time you make out a credit card payment, a substantial portion of it is sucked off by some billionaire foreigner sitting on his fat ass in London, Bonn, Tokyo, Montreal or elsewhere.

WHO TO BLAME: Our Government is to blame here. Political bribes have produced legislation and regulations that allow foreign big-shots to sodomize every American man, woman and child. The solution is simple

- (A) Confiscate all foreign-owned properties.
- (B) Disavow and cancel all U.S. debt owed to foreigners.
- (C) Make it a capital crime for any person or corporation to make any kind of interest, dividend or similar payment to a foreign entity.
- (D) Cancel all passports owned by foreign businessmen and lobbyists.
- (E) Make it a capital crime to accept any donation, contribution or gratuity from a foreign source.

Our great nation is in an emergency situation. If we don't act very soon on this matter, we will end up like India, where you have millions of half-starved people turning out trinkets in their back yards.

A very good stock of electronic and electrical components and equipment is much desired for survival groups of any size that have on board an electronics expert. I rate electronic expertise just below medical and commando expertise and just above mechanical expertise for group survival.

Electronic sensors and sentries can be built that are more sensitive than humans are continuously alert. They do not entirely replace human guards but, when properly designed and used, are a tremendous asset of manpower and aggravation. They can be battery or solar powered. Complex MOS type circuits now exist that draw only nano- or microamps of current and will last six months to a year on a single 9 volt radio battery. Electronics expertise is required to operate, maintain, and repair communications equipment. Electronic methods can be devised to confuse, root, and destroy an enemy, and to trigger booby traps and bombs. If power is available, computer expertise can be used to quickly analyze complex survival situations for intelligent decision making.

I feel that if your survival group does not have an electronics expert on board, you are probably not adequately prepared for survival! Those expert in electronics, from my experience, aside from this expertise, are also very valuable because they are creative, intelligent, resourceful, skilled with tools, and hard-working. Be careful when selecting an electronic expert. Many people profess electronics expertise when they only have a passing knowledge of electronics, have a good theoretical background but little or no hands-on experience, or are experts in some very limited area of electronics. While the amount of electronics components is certainly in the 100,000s and no one could possibly master 1% of all of the available electronics technology, your expert should be highly skilled and experienced (particularly circuit realizations) in both linear and digital circuitry with at least passing familiarity with thousands of components. Some microprocessor and software experience is desired. And, of course adequate parts, equipment, and books.

For those of you wishing to learn about electronics, first go to your local Radio Shack, and pick up a copy of Getting Started in Electronics, any books from their Understanding.... series that you might find interesting, and all of the Engineer's Mini-Notebook series. All of this will set you back anywhere from \$10 to \$50, depending on far you want to go with it, but those books will give you an excellent start. You should also pick up a copy or even a subscription to Radio-Electronics magazine, which carries monthly electronics project articles, information, and advertisements to parts suppliers. Then, with the information in those book, buy some parts, and start building

CONT'D PAGE 9

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CONT'D PAGE 9

simple projects. There is a company called "Heathkit" which sells electronic kits and even provide technical assistance when you're building their kits. You might also want to take a course in electronics at your local college, or adult continuing education classes, and if you're still in high-school, your school might have an electronics class, or a "tech center" where you can attend; however a lot of those classes can contain a lot of theory, which while important is too overly stressed. All the theory in the world won't help you when you need to fix something in the field with minimal parts support, or need a quick and dirty solution to an electronics problem. That sort of expertise comes from hands-on experience with a good technician. Make sure your class covers a lot of the practical aspects. If you're still in high school or college try to get a part-time job in a TV repair shop. Not only will you get paid, you'll also get an invaluable education in practical electronics. Don't worry if your bad in Math. Mathematical proficiency for electronics is, for the most part, a myth, and many math geniuses I knew sucked at electronics, and many good technicians I knew of were only average at math. For the street-tech, hands-on style electronics; you'll get by with only an average proficiency in electronics.

Start with the basics, and try to learn a little about everything. Once you mastered that, then you can begin to specialize, although too much specialization is a bad thing. Try to keep your knowledge as broad as possible. If you decide to specialize a little, try to do it in a field that has a large potential for street-technology, as it will greatly enhance your chances for survival having a marketable needed skill to fall back on in hard times. The wizards of old were held in awe and respected because of their supposed special knowledge; with many people coming to them for assistance in matters they were unable to handle. Being proficient in practical electronics can make you a wizard of the 21st. century, and if anything else, will at least enable you to make a comfortable living. The best fields for specialization are telecommunications, RF technology, and digital electronics/computers. These fields have since their inception have totally integrated with society in a very short period of time, and will continue to be a major element in it.

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Freedom
 exists
 for those
 who choose
 it.



From PAGE 8 -
 WHAT TO DO

Electronic Expertise" from pg. 8

I don't mean to imply that America is totally rotten. Or to imply that the solution is to destroy it or even to overthrow its Government. Most of our major corporations and institutions are rotten to the core and MUST be replaced or destroyed. However, by and large, the average American citizen is still a good, decent human being. Our CONSTITUTION is the best that has ever been written anywhere. And the framework of our Government is a solid basis to build upon.

I've asked myself, "What would our Founding Fathers do if they suddenly returned?" Heroes like George Washington, Sam Adams, Pat Henry, Tom Jefferson and Ben Franklin. First of all, they would be highly pissed. Second, they would kick a hell of a lot of ass. Do you think that if Sam Adams lived today, he would be saying, "To da de, don't bother me about that. I've got to get up at six to get those fries going."?

I like the ways that the great Mexican revolutionaries Porfirio Diaz and Emiliano Zapata expressed it, "It is far better to die on your feet than to live on your knees," and "Go not to a tyrant with your hat in your hand, but with a rifle in your fist." Call me old-fashioned if you will, but it is my belief that the DECLARATION OF INDEPENDENCE fully legitimizes ANY action that the American people chooses to take to change their Government or to correct the abuses of power.

As one person or as a small group, you are virtually powerless to do anything within the law to effect reasonable changes in our society. How about the vote? Sure. You get the choice between two or more crooks - if even the incumbent crook is challenged at the polls. That doesn't mean that you shouldn't vote. Always vote - even if you have to choose a lesser evil - or write in your vote. I am a big believer that evil must be challenged in every direction - even if your chances of success are small. The vote has occasionally worked. Better yet, organize political forces and candidates that represent YOUR views. Hopefully, those views will include the absolute critical need to preserve the Bill of Rights - including the implied right to privacy.

CONT'D PAGE 10

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... if somebody rips you off or someone you love, get even with them. I make a practice of carrying around certain items that I can use to get even with somebody who's done an injustice against me or against a family member or friend. You would be surprised how handy Crazy Glue, DMSO gel laced with certain substances, razor blades, ice picks, toothpicks, piano wire, etc can come in handy when you have to deal with a real shithead. Your bank ripped you off? That could be so disturbing to you that you might accidentally reach for a slice of processed cheese instead of your ATM card.

One really neat method (I found in a newspaper called, **FULL DISCLOSURE**, Box 8275, Ann Arbor, MI 48107) consists of wetting a sponge, squeezing it dry, and while still moist, tightly binding it with a string. After it has thoroughly dried, you cut off the string. The result is a real tight sponge ball. Be careful not to flush it down any toilets as it could expand and lock itself into position, resulting in a very messy situation and expensive repair. Altho not as permanent as the explosive method we describe in **TOILET TRAINER**, it's very simple and easy to do and impossible to prove.

Another really neat toilet method of dealing with a shithead (see our **ULTIMATE JUSTICE** manual) is to lift up the toilet seat, stretch a piece of Saran wrap across the toilet bowl and close the seat. This trick is so nasty, don't even try it on your worst enemy.

In carrying out your mission, if I may have some suggestions:

(1) Honor is important. While there are many who will rip-off or vandalize anyone, if you want to accomplish a noble goal, you must select only those most deserving of your attention and leave innocent people alone. For example, if a person robs a bank to get rich, to me he's just a common crook that should be locked up. But if he destroys a bank that's largely foreign-owned or that's stealing homes, businesses or farms, to me he's a hero.

(2) Never take credit for what you've done. Defending freedom is not a humorous matter or something that you brag about. If you want to brag, brag about your bowling score. In fact, when it comes to personal type actions, it is usually far better to act alone and to never tell anyone.

(3) Don't bicker over philosophy. If you have a common enemy, the first thing you must do is unite and destroy that enemy. Then after wards, sort out the particulars. That's basically what the freedom fighters did in Romania. They saved their country first, and now they are going thru the re-birthing process. That's why I repeatedly state that, "It's not who's right but who's left." You can go literally nuts not to mention miss the entire point -trying to figure out what has the greatest claim to righteousness.

And always keep in mind that your enemy is very clever. He will plant among you spies and provocateurs. A classic example of how well they did this was during the Vietnam War. The truth is, that most of the blame for the Vietnam War belongs to the oil companies that had rigs off of the coast of Vietnam, pumping oil like mad during most of the

What to Do From pg. 9

or the papers. And the oil companies continuously paid off the communists to leave their operations alone (it is also believed that they provided the communists with intelligence). The communists then used these bribes to buy Soviet and Chinese weapons to kill our heroes. This may come as a shock to you, but Valdez was not our first experience at being ripped-off at the sign of the double-cross.

But who was actually blamed for the war? Why it was the American fighting men and women who served in that war. Why were they blamed? Our fighting men and women were blamed primarily to take the pressure off of the politicians, oil companies and military brass. They were also blamed to cheat them of jobs and VA benefits upon their return home. The widespread belief was that they were doped-up, infected, baby-killers and thus undeserving of decent employment and VA benefits.

Who carried out the execution? That job largely fell into the hands of those "freedom-loving hippies" that protested the war. Altho many Vietnam War protesters were sincere in their beliefs, the movement itself was largely dominated by rich, spoiled, yellow, draft-dodging slimebags whose real agenda was to dishonor and destroy the decent men and women who served in that war. The only thing I can blame on our heroes was that they were entirely too naive and trusting in their Government. As was I then.

The Vietnam War should have taught everyone first of all not to trust your Government (for that matter, not to trust ANY Government). Second, it should have taught you to see thru the bullshitt and read between the lines, and to never to lose the sight of who the real enemy is.

(4) Support those who are loyal or helpful to the cause. I hate to sound like I'm tooting my own horn, but it is very important to support those entities important to the cause. Not just us, but others like this news letter, 2600: THE HACKER'S QUARTERLY, FULL DISCLOSURE, etc. There aren't that many of us around, and the risks and pressure we take are enormous.

To stay in business, and help others by spreading the word, and information **CONSUMERTRONICS**, **CYBERTEK**, and all the other similar publishers require two simple things:

(A) A steady flow of information contributions. Virtually all of our books and manuals reflect substantial information contributions. If you want to get the information out, please send it to us. There is only two areas that **CONSUMERTRONICS** doesn't publish -drugs and porno.

(B) A loyal customer base that will also provide us a lot of word-of-mouth advertising. When I say, "loyal," I don't mean that you buy from us, copy the material and distribute the pirated copies to your friends. If it is your belief that all information should be free, then by all means generate your information independently, write up your own manuals and distribute them to your heart's content. But for US to stay in business, we require sales, and if you steal those sales from us, you are robbing everyone of future information and access.

We have only YOU to depend upon. Again, we need YOUR continual support to help the spread of information & ideas, and to help make this country become well again.

I wish you all the best of successes in all that you do.

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Editorial: Doing Something

For starters, I hope you've enjoyed this first issue of Cybertek, and have learned something from it. If either of those two things happened, then the effort put into it by the OCL/Magnitude staff, and myself has not been in vain.

Taking a look at the "underground culture" scene for many years now, I am saddened and disturbed at what I am seeing. Many people have been involved "spreading the word" about the problems in our society, but have been falling short in their effectiveness in creating a positive change in society. Some of their actions have actually been slowing, or halting the pace of change which is most desperately needed.

Within the past year while I've been working on what is now this magazine, I checked out several "underground" magazines, and interviewed several people involved in various aspects of the underground culture. The results were disappointing to say the least. It appeared that while everyone was more than happy to complain about what was wrong, not very many were knowledgeable about, or even interested in the actual means to take action, and go about helping institute the change which they so much desire. While this is a general trend in society anyway, I still found it heart-breaking that I would find it at the same extent in the "underground". Some people were even, upon hearing of my proposed project, were horrified that I could do such a thing.

One of the most disturbing things I saw was a desire to complain, and demand action against various problems which have no relevance to the current problems which plague this country. This country is slipping into a dictatorship, and some people seem to be more interested in saving the Mongolian Cluster-Rat than saving the country they live in. While I have some respect for these people for at least speaking up about something, I cannot comprehend why they are more interested in that than in keeping from being put into a concentration camp! Common sense dictates that before one goes and tries to fix something outside his house, he should make sure his house is in order first. Without having the problems in this country fixed first, you might as well forget about everything else, as you won't get anywhere with them. This country, which is founded on the best principles of government ever conceived, was the product of people who got up, and took some real risks to create, and preserve it. If it wasn't for them, it is very likely we wouldn't be around right now.

The second disturbing thing I saw was how for the most part the "underground" was simply content to use "symbolic protest", and little else. It appears that many people haven't learned that symbolic protest is worthless, and only gets you marked for later persecution. If you want to change something, you have to do more than send in petitions, and walk around with signs. The bureaucrats in the government,

and the corporations that put them there don't care about what the people think, as long as they stay in power. The only way to get the message across to those lizards is to push back when they push you. There is quite a bit that everyone can do in order to instill fear in them, and get them back in line, without needlessly exposing one's self. William Powell in The Anarchist Cookbook said:

"I detest symbolic protest, as it is an outcry of weak, middle-of-the-road.....runuchs. If an individual feels strongly enough about something to do something about it, then he shouldn't prostitute himself by doing something symbolic. He should get out and do something real." (Pg. 62)

The last, but not least of disturbing trends I've seen is a disdain to absolute hatred of the concept of survivalism by the vast majority of the underground. Why this is totally baffles me. I'm a non-violent person, but I realize the advantages of being adequately prepared, particularly when my, and my family's welfare and safety are at stake. Many members of the "underground" upon my talking with them, appear to support the current drive to take away Second Amendment rights; when any one with enough sense should realize that doing so could only make things worse! You are up against people who have murdered, pillaged, and ruined thousands of lives without so much as batting an eyelash, and will continue to be as well equipped, and as ruthless after your means of defense and preparedness are gone, as they were before. Since this is the case, why deny yourself of getting as much of an edge as you can. Again William Powell had something to say about it, which sums things up:

"I have no patience with individuals who claim that everything will be beautiful if guns and other weapons are outlawed. These people do not have the foresight to realize that, if weapons are made illegal, they will only be possessed by enemies of the people.....I feel very strongly that every person should be armed and that he or she should be prepared for the worst. There is no justice left in the system." (Pg. 78)

This is not to say that everyone in the underground is responsible for these problems. There are quite a few good people out there, mostly Cyberpunks, who are doing something real to help this country, but by and large there still leaves a lot to be desired. Hopefully, the culture can either mature, or become re-born, so greater progress for real, positive change in this country can be made. Then it could become something that its founding fathers can be proud of.

-Thomas Icon