

## **Exploding The Phone**

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phreak Captain Crunch.

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## SF Chron A Capt. Crunch A

A man believed to be Captain Crunch, the bane telephone companies and the hero of "phone phreaks" across the country, was arrested near his home in Los Gatos yesterday by the FBI.

(or 29 - he differs with the FBI on the age), was arraigned on charges of fraudulently using the telephone company's long distance network before U.S. magis-trate Norden F. Blacker in San Jose and later released on his own recognizance.

Whether or not Draper, who is a student at San Jose City College and a part-time employee of California Microwave, a Sunnyvale electronics firm, is the notorious Captain Crunch, the FBI claims he made free long distance calls on March 27

and 30 and May 1.

He is scheduled to appear for a preliminary hearing on the charges in U.S. District Court here at 10 a.m. on May 26.

CALLS

Captain Crunch has become a hero of phone phreaks (who specialize in making long distance calls vithout having to pay (at circumventing them by circumventing checking devices) through his talent for performing astounding feats with telephone circuits.

For a while, he drove are nd the country in a swagen bus packed with complex electronic and comer equipment.

The Capain would stop at a phone booth on isolated roads, plug a cable from his van into the phone lines, and take off via the phone circuits to New York, London, Paris, Moscow, or around the world.

ECHO

He has called himself on an around-the world circuit just to listen to the peculiar echo and the 20-second delay from the time he spoke and the time his voice returned via Tokyo, South Africa,
London, New York and numerous other far-flung corners of the globe.

Once, he called himself around the world eastward and westward at the same time - one way via cable, one way via satellite - so he could have both phone. ring at the same time, put the receivers together, and send his voice back around the world twice again. It was all free, of course.

He has claimed that he has no desire to destroe the telephone company (it an interview that was part of a story on phone phreaks in Esquire magazine last year), allough he claims three well-equipped phreaks could "busy-out" the entire telephone system of the United States.

"If I de anything, it's just the pure knowledge of the (computerized tele-phone) system," he was quoted as saying.

The key to the technique is the use of "tandems," the long distance phone circuits that connect the cities of the world.

When not in use, a tandem sends out a 2600cycle-per-second signal from both ends - one alerting the home phores it serves that it is free, he other signal alerting the rest of the tem that it is available in



JOHN THOMAS DRAPER Long distance

The 2600 cycle signal is also the key to the Captain's name. One phreak once discovered that toy whistles that came in boxes of Captain Crunch cereal gave out a perfect 2600-cycle signal.

COMMENT

Draper naturally had little to say about the charges or about seing Captain Crunch. Wen how I can't talk but spything like talk of out spything like that," he rold The Chronicle after he was released.

He stood in a phone booth in Santa Clara County Jail wearing black pants, a red - white - and - blue plaid shirt, glasses and hair down to the nape of his neck.

'Listen, do me a favor don't mention that pseudo-name from that magazine article," he added. "It won't help my case at all."

When told the FBI had used it in a press release, he nodded and said, "I figured

He put a dime in the phone, dialed, and then got what must have been a shocking experience - a wrong number.

After calling an operator and getting credit for his lost dime, ne tried again. "This number is not in service at this time" said a recorded message

"They've disconnected my nome phone." he said sadly

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## **Book Cleaners**

Some of more than 60 volunteers were cleaning books damaged in the March 31 arson fire at Ortega Branch Public Library vesterday With about half of the 16,500 smoke-soiled books With about half of cleaned and ready for reuse, George Liu (center) of the library's Tec and dervices Division instructed the piunteers of the best methods for getting rid of the grime - soap and water for covers, erasers for the pages. The city has estimated that it will cost at least \$80,000 to restore the burned-out library.

## Mine Toll Grows to 32

Kellogg, Idaho

Rescuers reached the noke clogged No. 10 shaft of the Sunshine name sesterday and found eg.ht more podies, bringing to 32 the death toli in the unrat atastrophe Western silver mining

They pressed on toward at giver rimers appeal a nule

room the chart

cials said the rescue crews. using breathing masks and of oxygen had reached the hoist room of the No. 10 shaft and prepared to descend to the 5000 foot level as soon as it. numped out and the xas. hoist cleaned of soot and de-

The rest of the trapped remers were believed at that evel where officials hoped

they had been able to survive in fresh-air puckets or tapping the air pipes 10%-miles of chambers and passageways

The fire broke out at mid-day Tuesday in old tim-bers in the 88-year-old mine a, the 3000 to 4000-foot level-A total of 108 miners got WH 25

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Save 40% t