Simplest way yet to get a 14 channel FM head-end

COMMANDER FM by Jerrold

- Low cost per channel
- Variable tuning—input and output
- Crystal control option—input and output
- Common power supply and post amplifier for up to 14 channels
- Any channel operation

Give your CATV subscribers a broad choice of FM programs with Commander FM. For further information, see your Jerrold CATV salesman. Write or phone the Jerrold Regional Office nearest you.

JERROLD FIRST IN CATV
CBS Files Final Answer to Iacopi; Viacom Spin-off Issue Now up to FCC

CBS answers opponents of Viacom spin-off; now that all pleadings are in, hot question of go or no-go is up to the Commission to answer.

CBS last week insisted that its proposed spin-off of program and CATV interests to Viacom, Inc. violates no present FCC regulation and that any further delay would prejudice the life of the network's cable and syndication operations.

Unless opponents of the spin-off come up with a last-minute filing, the CBS answer closes out the argument and the next move is up to the FCC.

Marino Iacopi, a CATV pioneer and minority shareholder in the CBS-controlled San Francisco cable system, had asked the FCC to hold up the network's spin-off plan and order an evidentiary hearing.

Among Iacopi's objections to Viacom are: that the new company will not in fact be independent of CBS control and therefore will not meet the FCC's broadcast divestiture rules; that

(Continued on page 7)

Commission Extends Deadlines in Dockets

The FCC has extended its deadlines for comments in both the satellite docket and the program exclusivity docket.

In response to a request by Western Tele-Communications Inc. and Fairchild Hiller Corp., the deadline for filing applications for domestic communications satellites has been moved to March 15.

At the same time, the FCC said the networks could have another two weeks—until March 30—to file their satellite statements; and organizations applying for earth stations to operate with proposed satellite systems will have another two weeks after the networks to file.

An even longer delay was granted by the Commission in another docket. Nine television producers asked for more time to prepare comments on the FCC's proposal to make more non-network programming available to CATV systems and UHF stations. The producers asked for a four-month extension; the Commission granted two months and said comments will be due May 3 with reply comments scheduled for June 3.

The proposed rulemaking is part of the FCC's investigation of exclusive contracts between pro-

(Continued on page 5)

Roles Cast For This Week's Show

The curtain goes up this week—Thursday, March 11—at the FCC. That's the date hearings begin on some of the critical questions of CATV regulation.

Departing from its usual hearing procedure, the Commission has invited some 60 spokesman from all concerned sectors to present their viewpoints in a panel format. Once the panel presentations are concluded, which will not be until March 18, other interested parties will have the opportunity to make their statements individually.

Scheduled dates, topics and speakers for the four panels to be held this Thursday and Friday are as follows:

Thursday, March 11, A.M. Topic: Directions in which systems should be headed in order to improve potential for public service (e.g., minimum channel specification, 2-way, origination, common carrier operation, etc.). Panelists: John W. Macy, Corp. for Public Broadcasting; Paul Comstock, NAB; Paul Visher, Hughes Aircraft; Everett Parker, United Church of Christ; Irving B. Kahn, TelePrompTer; Albert Kramer, Citizens Communications Center; McGeorge Bundy, Ford Foundation; Jack Valenti, Motion Picture Association of America; Ted Ledbetter, Urban Communication Group.

Thursday, March 11, P.M. Topic: Whether proposals for commercial switching and payments to the Corp. for Public Broadcasting are feasible; if so, whether they are a desirable approach to the distant signal problem and, if not, what are the alternatives. Panelists: Alfred Stern, TeleVision Communications Corp.; David Baltimore, WBRE-TV; George Bartlett, NAB; Bruce Merrill, Ameco; Leonard Ross, Harvard University; John McCoy, Storer Broadcasting.


Friday, March 12, P.M. Topic: Benefits and detriments of CATV operation in markets below the top-100. Panelists: Ben Conroy, CPI; Bill Fox, Lanford Telecasting; Dale Moore, Western Broadcasting; Bruce Hebenstreit, New Mexico Broadcasting; Nat Allen, National TV Translator Association; George Barco, Meadville Master Antenna.

Topics and speakers for the remaining four panels will appear in next week's CATV.
Kaiser CATV. Best on all counts.

1. Design of CATV systems. 
2. Design and manufacture of latest state-of-the-art CATV equipment. 

For anything from preliminary advice to a turnkey operation, come to KAISER CATV. You can count on us. Nation-wide performance and dependability is proving it every day.

KAISER CATV

Division of Kaiser Aerospace & Electronics Corporation
P.O. Box 9728, Phoenix, Arizona 85020, Phone (602) 944-4411
gram suppliers and broadcasters—particularly VHF stations. In this particular rulemaking, the FCC has proposed limiting the time for which those contracts can run so that programs can be made available sooner to the less-advantaged buyers such as cable systems and U’s.

**NCTA Urges Response From CATVers**

NCTA last week asked all cable system operators to cooperate in several association programs now under way.

Most urgent, according to association spokesmen, is the cablecasting survey which was mailed to the industry last month. It was pointed out that information is needed to fight the freeze and represent cable effectively to public service organizations, the advertising industry and program suppliers.

"Response to the survey has been very disappointing," said NCTA representatives. As of last week, only 275—or about 10 percent of the industry—had returned completed surveys. All operators, whether originating or not, were asked to send in the questionnaires as soon as possible.

According to NCTA, replies to the survey are being coded for storage in a computer data bank which will allow the trade group to simplify future survey procedures.

System cooperation was asked in the photo contest currently being run by NCTA. Construction shots, work-oriented shots (other than office staff), tower shots and head-end shots are being solicited and entries can be glossy photos or slides.

Grand prize offered by the association is $100 with a first and second prize of $30 and $20 respectively in each of the four categories. Deadline for entering is Friday, March 19.

NCTA has also announced that the official transcript of the 1970 Convention is off the press and pre-orders are now being filled. Persons who have not yet ordered and who wish to obtain a transcript copy can contact NCTA at 918 16th St., N.W., Washington, D.C. 20006. Price tag on the 1036-page transcript is $8.

---

**NCTA’s Penwell Inspects Kaiser Training**

*During a recent Kaiser CATV technical school held in Tampa, Florida, G. Norman Penwell (left), NCTA Director of Engineering, discusses a training aid with Carl Lindquist (center), Product Support Supervisor, and Jim Taglia (right), Southeastern Regional Sales Manager. Penwell attended the school to acquaint himself with the type of training being offered to the Industry by manufacturers.*
Another CAS 1st

The new CAS UHF to VHF Channel Control also adaptable to any existing CAS Channel Control

**UHF to IF Conversions**

The UHF Down Converter module (U-DCA), when used in conjunction with the UHF-OSC module, receives a specified off-air UHF signal. This channel is converted to the standard TV intermediate frequency (41.25 Mhz sound carrier, 45.75 Mhz video carrier) through a balanced mixer. A UHF bandpass filter precedes the balanced mixer.

A highly selective bandpass filter tuned to the intermediate frequency (41.25 Mhz to 45.75 Mhz) makes the signal suitable for further processing.

The U-DCA module is a direct replacement for the standard DCA used in the CAS CC-213 Channel Control.

The UHF-OSC module replaces the standard VHF off channel conversion oscillator in the channel control unit.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>UHF Ch thru Ch 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Frequency</td>
<td>41.25 MHz sound</td>
</tr>
<tr>
<td>Output Frequency</td>
<td>45.75 MHz video</td>
</tr>
<tr>
<td>Impedance</td>
<td>75 ohm</td>
</tr>
<tr>
<td>Input Return Loss</td>
<td>± ¼ db</td>
</tr>
<tr>
<td>Response</td>
<td>- 20 dbmv</td>
</tr>
<tr>
<td>Minimum Input</td>
<td>+35 dbmv</td>
</tr>
<tr>
<td>Maximum Input</td>
<td>+12 dbv</td>
</tr>
<tr>
<td>Recommended Input</td>
<td>+12 db</td>
</tr>
<tr>
<td>Noise Figure</td>
<td>50 db</td>
</tr>
<tr>
<td>Adjacent Channel Rejection</td>
<td>100 uv (−20db) input for</td>
</tr>
<tr>
<td>*Sensitivity</td>
<td>60 db</td>
</tr>
<tr>
<td>*Dynamic Range</td>
<td>41.6 MHz 45.75 MHz</td>
</tr>
<tr>
<td>IF Bandpass</td>
<td>20 db</td>
</tr>
<tr>
<td>Gain</td>
<td>30 db</td>
</tr>
</tbody>
</table>

*When used in conjunction with V-agc-44 in CC213

P.O. BOX 47068
DALLAS, TEXAS 75247
214/253-3661
Canadian CATV "White Paper" Suggests Cable Television Subsidize Broadcasting

Canadian Radio-Television Commission Chairman Pierre Juneau releases "White Paper" on cable; suggests industry might have to subsidize Canada's broadcasters.

Toronto—The Canadian cable television industry may have to subsidize Canadian broadcasting, according to an announcement issued by the CRTC.

The Commission suggests that cable television is destroying the country's broadcasting system and that if a solution is not found to integrate the two systems, Canada's political unity and cultural identity will be threatened.

The plan, outlined in a 30-page "White Paper" entitled "The Integration of Cable Television in the Canadian Broadcasting System," will be the subject of a week-long public hearing in Montreal beginning April 26.

The document lists various alternatives which would allow CATV systems to continue U.S. television carriage while at the same time financially supporting Canadian broadcasting.

What the White Paper does not state, however, is that about 50 percent of all Canadians are able to receive some U.S. programs off-air—without cable—and that at least some of the advertising money spent in the U.S. is directed toward non-cable homes. The brief also neglects to mention the enlargement of Canadian broadcast station markets as a result of cable.

In opposition to the White Paper, Canadian Cable Television Association president R.C. Short pointed out that broadcast station revenues amounted to $105 million in 1969 with costs figured at $80 million. Cable operations, on the other hand, brought in $35 million in revenue with $30 million costs. Short indicated that it would be unfair for a $35 million industry to subsidize a $105 million industry.

Viacom Final Filing . . .
(Continued from page 3)

the spin-off is an attempt by the network to take unfair advantage of minority stockholders in its subsidiary CATV firm Television Signal Corp.; and that the combination of program syndication and programming outlets in the same corporation violates the policy behind the FCC's syndication and concentration of ownership rules.

Hope of getting any such simple handle on the whole question of the spin-off was dashed, however, in the CBS response filed last week. The network simply had its CARS proceeding dismissed at the Commission—thus eliminating any licensing question for the present and presumably still being able to apply again in the future when and if the Viacom corporation is safely under way.

Jerrold Takes Basic School on the Road

Jerrold Electronics Corp. officials have announced that the company will put its "CATV Basic Technical Schools" on the road again during 1971.

Last year was the first time the firm took the schools out of company headquarters in Philadel-

Let us make your short search shorter...

...with our new 107 Coaxial Cable Fault Finder—which fills one of CATV'S major needs: it's an accurate, portable and economical TDR (Time Domain Reflectometer). Sending a fast rise time pulse down the cable under test (up to 2500 ft. of .412) the return pulse pinpoints shorts, open and both inductive or capacitive mismatch, all within ±2% accuracy. You owe it to yourself and your system to talk with your Craftsman representative about it soon.

Craftsman ELECTRONIC PRODUCTS INCORPORATED

Write or Call Collect
133 West Seneca St., Manlius, N. Y. 13104
Area Code (315) 682-9105
WHY ARE HTV AMPLIFIERS BETTER?

- 48 HOURS BURN-IN
- 12 CHANNEL NOW
- 36 CHANNEL LATER
- MODULE CHANGE ONLY
- MIL SPEC DESIGN
- VISUAL FAULT INDICATION
- LOW 2ND AND 3RD ORDER DISTORTION
- THERMAL CONTROL
- OUTSTANDING RFI-EMI SHIELDING

THAT'S WHY!

HTV Systems, Inc.
10 Monroe St.
East Rochester, N.Y. 14445
Phone (716) 385-1200

In view of last year's success, said Institute spokesmen, training schools will be held in eight cities during 1971 to supplement the two courses given in Philadelphia.

One school has already been held in Los Angeles in January and the second is slated for March 16 through 19 at Atlanta's Sheraton-Biltmore. The other half-dozen cities tentatively scheduled are Boston, Minneapolis, Dallas, Kansas City, Denver and Portland.

This schedule, said the Institute, means that every cable technician in the country will have the opportunity to attend a Jerrold school at a distance of no more than one day's drive.

Spokesmen emphasized that the schools are open to all CATV technicians, not merely Jerrold-affiliated firms or individuals. This year's program includes a briefing on industry history and background; a discussion of cable and signal propagation; a study of receiving equipment and systems equipment; and sessions on system parameters and system maintenance.

The study of distribution systems, according to the Institute, remains primarily in the area of layouts. Subscriber drop materials, microwave transmission systems and local origination round out the curriculum.

In addition to the basic training schools, Jerrold is sponsoring a number of 2-day technical seminars and at least one 2-week workshop for upper-level technicians and engineers is being planned.

5 YEARS AGO THIS WEEK

- On Tuesday, March 8, the FCC formally issued its official Second Report & Order regulating in detail the cable television industry. The Commission also ordered operators to file information on system name, location, subscribers, ownership and origination for the first time.

- The city of Springfield, Illinois granted a non-exclusive franchise to First Illinois Cable TV, Inc. according to an announcement by cable firm president William Clancy.

- Lyle Keys, president of Tele-Mation, urgently requested cablecasting information from any system operators engaged in local origination. Keys said he needed the data to fight restrictions on cable before the House Commerce Committee.

- Jerrold announced a new address, effective March 7, at 4th and Walnut Streets, Philadelphia, Pa.

- Some of the stock closing prices, March 10: Ameco, 27; Entron, 10½; Jerrold, 21¼; TelePrompTer, 16½.
Film production made easy.

You can learn the language of film overnight, if you know one word: Kodak.

Kodak can show you the ease of originating film programs, economically, with a 16mm camera, a film splicer, and a simple viewer for editing. And one trained man can handle it all.

Where do you process your film? Initially, you can take advantage of the hundreds of processing labs across the country, as well as the many television stations that accept outside work. Later, depending on the requirements of your CATV system, you can consider the profitability of installing your own mini-processor.

Then all you need is a film projector to get your film on the air. At the same time, it opens the door to a whole range of filmed programming from national, regional, and local sources.

But the easiest step of all is your first: a call to Kodak. Let the people who know film best show you how to get the best out of film. And the most out of your investment.

EASTMAN KODAK COMPANY
Atlanta: 404/351-6510; Chicago: 312/654-5300; Dallas: 214/351-3721;
things are happening!

... and it's happening now with EiE Two-Way. A complete system capability that is compatible for new construction or readily inter-faced with your existing cable system. Everything from the head-end to subscriber's set, including a rugged line of trunk, bridger-trunk, distribution amplifiers, modulators and a new shielded, coaxial A/B switch.

All of the amplifiers are designed with built in, Two-Way capability. Your system, therefore, is capable of providing Two-Way communication between the head-end the subscribers, further opening the way for "Remote" local origination, security and TV channel monitoring, high speed data transmission, utility meter reading, subscriber interactive terminals.

EiE equipment is designed and manufactured to peak Aerospace Standards and backed by a respected service guarantee. If the equipment does not meet proof of performance EiE will replace it, unconditionally.

Let one of our Systems Engineers show you what's happening at EiE.
Electronic Industrial Engineering, Inc.
7355 Fulton Avenue
North Hollywood, California 91605
Telephone (213) 764-2411
First CP Application Filed
For Laser Link Microwave

Missouri CATV Systems, Inc. in Eldon, Mo. has filed the first application for Laser Link's local distribution service. The application was accepted for filing at the FCC only days after the U.S. Patent Office issued patent no. 3,566,269 for Laser Link's frequency pulse width modulation hardware.

The Laser Link system is the invention of Harold Walker of Edison, N.J., a major stockholder in the firm.

Other local distribution service applications accepted for filing were: Carbon Cable Television, Inc. for Slaton, Tex.; Jim Thorpe and Mahoning Valley, Pa.; and Comtec, Inc. for Hilo and Kailua, Hawaii.

Idaho Operators Meet,
Hear Guest Speakers

Two guest speakers highlighted the recent meeting of the Idaho Cable Television Association in Boise.

The governor of the state, Cecil Andrus, addressed the operators at an evening banquet, the NCTA general counsel Gary Christensen addressed the luncheon.

The one-day meeting began at 8 in the morning, ran until late in the evening. Besides two business sessions, the association members and visitors heard technical presentations and participated in a roundtable discussion on common problems.

FCC Authorizes Leapfrogging
For Two Cable Operators

Carriage of distant signals which leapfrog closer stations has been authorized by the FCC for cable systems in South Dakota and Mississippi.

KOTA Cable TV Co., operating in Brookings, S.D., can bring in KMSP-TV, Minneapolis, Minn., ruled the Commission. KOTA is outside any 35-mile limit, but its proposed carriage leaptros a closer station, KCAU-TV in Sioux City, Iowa. KOTA, however, presented evidence that Brookings residents have more in common with Minneapolis that with Sioux City. The FCC based its favorable ruling on this evidence along with a showing that carriage of the distant station would be more economical.

The twin factors of economy and community of interest also persuaded the Commission to okay leapfrogging for Columbus TV Cable Corp., Columbus, Miss. To fill out its complement of full

Franchise Summary

EAST. TeleCable Communications has told Middletown, Del. city council that firm would like 10-year franchise, would provide 12-channel system ... Easton, Mass. selectmen have granted cable rights to Revere Cablevision ... Hooksett, N.H. have renewed United Cable Company of New Hampshire's permit ... 30-year franchise to Telco Inc. in Asbury Park, N.J. is final ... Ordinance granting National Video Systems franchise has passed first reading in Seaside Heights, N.J. ... Pine Bush, N.Y. residents will receive cable service from Walden Video Corp. under terms of recent franchise ... Suffolk Cable Corp. is opposing Long Island Cablevision's franchise request in Brookhaven, N.Y.; Suffolk and Brookhaven Cable TV already serve portions of the area ... B&B Cablevision has won 20-year franchise for Quakertown Borough, Pa.; firm will pay borough 3 percent first year.

MIDWEST. Lawrence County, Ohio commissioners have authorized James T. Smith to install CATV in Fayette, Union and Rome; 21-year franchise will bring county 5 percent of gross once system is under way ... A franchise has been granted in Frederick, Okla. to Frederick Cablevision, according to principals Stan Searle and Jim Brown; plans call for carriage of Oklahoma City and Dallas-Ft. Worth signals as well as color origination ... New firm, Wisconsin Cable TV, has asked Deer Village and Oak Creek, Wis. for permission to make CATV application ... Local group headed by Robert Burell has petitioned Edgerton, Wis. for franchise; Burell holds franchise in Stoughton, Wis. ... Milwaukee, Wis. council is looking at possibility of city-owned cable system now that mayor vetoed franchise to Time-Life.

SOUTH. Coaxial Communications Inc. and Dynamic Cable Co. have been asked to give Hialeah, Fla. council written cable proposals ... Wichita Falls, Tex. has hired Checchi & Co. of Washington as CATV consultants ... Five firms have applied for cable rights in Roanoke County, Va.

WEST. Nation Wide Cablevision, Theta Cable of California and Doubleday Broadcasting have asked Fullerton, Calif. councilmen for franchises.
FROM THE PUBLISHER

Broadcasters Talking to Themselves

All across the land, CATV has broadcasters talking to themselves. And some of the things they are saying about cablemen aren't too nice.

This editor thinks the CATV industry should know what is being said in the "enemy" camp. Therefore—the following:

As you read the following excerpts of a speech by small market broadcaster Dale Moore, and the "Voice of Doom" piece below, please keep in mind that these are not the views of all men in the TV broadcast business. I expect that it's probably just a noisy minority.

But noisy minorities are not ineffective. They have been known to generate revolution—both good and bad. So it behooves you, the cable operator—and the man accused—to know what the broadcast "bad guys" are telling the innocent "good guys" in broadcasting.

Is "Free" TV Doomed?

Is "free" television doomed by cable television or "pay" TV? Yes, in the medium and small markets, if the Federal Communications Commission does not take steps to correct the situation.

Part of the problem is due to lack of sympathy for the television industry because of the heralded profits made by the large stations in the big cities. These profits are extreme in the case of some of the larger stations, but it is not true in the case of the smaller telecasters in the more abundant smaller markets. Yet, it is the medium to small stations that are going to be forced out of business if cable television continues to develop unrestricted, as it is doing currently.

This means that two to three hundred local stations will become slave satellites to a few big city television broadcasters and there will be no "free" local news stations in these markets. While there will be local news available, if you are a subscriber to cable television, there will be no "free" local newscasts for non-subscribers, and there will be no local programming of any kind, including local newscasts, in the farm and country areas, since it is not a practical matter for cable vision to run a wire individually to farms, ranches and country houses.

For those who are not familiar with the principles on how cable television operates, a cable company is a parasite organization which uses the programming of others by picking up a signal of a distant television station out of the air at no charge for the programming, and rebroadcasting it in other areas at a profit by wiring homes and charging a fee for the service.

Cable performs an important and necessary service in obscure small towns by broadcasting television signals into areas not receiving direct television programming.

However, the serious issue between the television stations and the cable companies is whether distant signals, such as those of Los Angeles, should be microwaved into markets where there are already existing local television stations.

In the beginning the FCC very carefully allocated channels all over the country so there would be no overlap. Ironically, today, they are proposing to superimpose the coverage of large market stations over the entire coverage areas of small stations which cannot stand the competition.

Justification for bringing in distant signals to distant markets, according to the FCC, is to provide the public with more programming. This premise ignores the fact that limitation in programming is not due, in most instances, to a shortage of television outlets, but due to a shortage of the supply of good programming itself available to the television industry. More channels merely means a rehash of the same programs.

Many people erroneously think that since the development of a large amount of radio competition has not put the first radio stations out of business, that this reasoning will also apply to television. This is not true in television because there is not the same loyalty to local television stations as there is to local radio. This is due to the fact that the audiences in television put the emphasis on programs, i.e. the Perry Mason program, while in radio the emphasis is on the station and its personalities as a whole, and not on individual programs. Therefore, the audiences of small towns listen to their own local radio stations even though they receive them.

In television the Perry Mason fan does not care which television station he views the program. Therefore, the local stations audience is going to be fractionalized by having to share its audiencw with the outside stations. Consequently, the local station's reduced audience will reach a point where it is not sufficient to generate enough revenue from its sponsors to augment the need to maintain the substantial cost of its operation.

Furthermore, radio was able to endure the intrusion of a considerable number of radio stations because of comparatively slight overlap, and even then the station's audience became spread over all stations. "Free" television programming in America has been the finest in the world because of this country's highly developed competitive program system. The popularity of a station determines who gets to sponsor the commercials. "Free" local television is the only way of providing local television programming to the farmers and country areas.

Important that the public and the country's leaders be made to understand this.

The FCC is trying to devise ways and means of "free" television and cablevision to compete at side of each other. On examination of the comparative economic base of each, one can realize that it is obviously impractical for the Commission, or any other group, to properly work out in our competitive system, in particular, medium and small markets.

Cablevision in a city the size of Albuquerque, New Mexico, can microwave the programs of a Denver station in for approximately $1.00 per hour. Figuring 18 hours per day, in a 30-day month, cable companies' direct cost for programming
The speech excerpted below was delivered by Moore at the winter meeting of the Colorado Broadcasters Association. The “tract” reprinted in full below was distributed at the meeting:

“Cable empires have been built ... by selfishly motivated brokerage houses who have sung the praise about the future of wire and dividends to those who purchase pay cable stocks. Add to this the almost limitless lobbying budget of the NCTA--cable’s sock-it-to-em parent organization whose tentacles reach into every national nook and cranny where a cable advantage can be had ...

“Oh broadcasters ... When do we learn that turning the other cheek only gets you inflamed cheeks? ... When do we learn that ... non-copyright payment by cable, importation of distant signals, leapfrogging ... coddling of cable at the expense of broadcasters and numerous other rule-makings—already adopted as official communications policy—are inexcorably destroying America’s free communications?

“When will ... broadcasters learn that a major phase of NCTA’s success has been a direct result of the ‘divide and conquer’ technique—which a Munich paper hanger made an international art among nations?

“How many television stations must wink out before broadcasters are convinced that the entire industry’s future is at stake? ... We as broadcasters ... are too busy serving our little communities and trying to eke out an existence ... the shoe black makes more! 35,000 cable connections serving an infinitesimally small percentage of the people—pardon me—subscribers—will take more to the bottom line cash flow than 60 AM and FM stations in the state of Colorado.”

Editor’s Note: Dale Moore is chairman of NAB’s Future of Broadcasting Committee—NAB’s “sock-it-to-em” anti-cable arm. He is slated to be one of the first panelists in the FCC’s CATV hearings beginning March 11 (see story this issue).
Leapfrogging . . .
(Continued from page 11)

network stations, the system had to choose carriage of an ABC affiliate in Birmingham, Ala., Greenwood-Greenville, Miss. or Memphis, Tenn. The FCC authorized carriage of the Memphis station WHBQ-TV, although that station is farthest from the system. The Commission pointed out evidence of a "community of interest" between Columbus and Memphis and also noted that no microwave facilities are available between Columbus and the two closer markets.

The Commission also granted a CP to Microwave Service Co. to transmit WHBQ-TV to Columbus.

Subscribers Talk to Computer
On New York City Cable System

Sterling Manhattan's New York City system and Video Information Systems equipment have joined forces for a dramatic display of two-way CATV service.

From ten locations in Manhattan, Sterling subscribers can talk to a computer—and by year's end, Manhattan Cable president Charles Dolan expects some 500 subscriber sets will be two-way equipped.

In the experimental program—believed to be the first of its kind functioning in the industry—questions are asked from the central location in Manhattan Cable's origination studios. The viewers answer the question by pressing one of four selector buttons on their converters. Besides identifying which terminals answered the question, the computer identifies which sets are not turned on or are on another channel.

According to Video Information Systems, the "future" for two-way is "now." The converter, says company spokesmen, is compatible with any bi-directional transmission system and the channel capacity is limited only by system capacity. "Video-12," says the company, "will give from 23 to 65,536 different subscriber response choices and/or requests per channel, direct from the subscriber to a central computer in real-time."

CATVers Active in Selling,
Merging Cable Systems

Buying and selling of cable systems has been brisk recently with the finalization of one major merger and announcements of other MSO transactions.

According to Tele-Communications, Inc. president Bob Magness, the TCI-Centre Video merger has been completed. With Centre Video holdings, TCI moves into the top-five largest system operators in the U. S.

Communications Properties, Inc., Texas-based MSO, has announced that negotiations have been completed for CPI's purchase of the First Illinois Cable TV system serving Springfield, Ill.

Over $1 million cash changed hands during the transaction, according to CPI officials. President Jack R. Crosby said the system has been installed in about one-third of the city and CPI plans to have it completed in 1972.

"We feel this system has excellent growth prospects and should very quickly become one of our largest systems," Crosby said. At present there are 3,400 subscribers and the potential is estimated at 35,000 homes.

The 12-channel system carries three UHF stations serving Springfield as well as St. Louis and Urbana ETV—and Crosby said he hopes for FCC relaxation which will allow carriage of independent programming from Chicago and St. Louis.

In another midwest system purchase, Dynasonics Corp. has agreed to buy Willmar Video Inc. and Minnesota Microwave Inc.—and plans to sell the microwave firm to American Television & Communications.

According to Dynasonics president Gerald R. Smith, an earlier similar agreement fell through when Dynasonics defaulted on the agreed-upon cash payment. The new purchase plan calls for the payment of a lower price consisting of a percentage in cash and the balance by the issuance of debt and equity securities. ATC will pay Dynasonics in cash for the microwave firm, said Smith.

Both agreements are subject to approval of the boards of directors of the firms involved as well as the FCC.
Construction Summary

EAST. Jerrold will construct 80 miles of plant for Better Cable TV in Waterville and Winslow, Maine. A 70-hour-week cablecasting schedule is in the works for American Cablevision's Cambridge, Md. system; origination effort will be joint venture between new system and local radio station WCEM. According to company manager Cliff Fields, Eastern Shore CATV is replacing 5-channel with 20-channel gear as part of updating program for Ocean City, Md. system. The 208-mile Amherst, N. Y. system now under construction by Amherst Cablevision, will feature color origination; Cablevision president Alfred Anscome has announced purchase of an RCA originating system which includes two studio cameras and three VTRs. Cable TV, Inc.'s 1971 plans include construction of system to serve Fishertown and Alum Bank, Pa., serving approximately 150 and 200 homes respectively. According to Centre Video and officials of Clarion, Pa., there have been no CATV applications filed for service to Clarion Borough; a CATV report that another firm was seeking a franchise there was in error, said the parties. WETV Cablevision 10, Shamokin, Pa., has initiated "Unique Cable Network," comprised of six area cable systems; first effort is replays of Eastern Professional Basketball League Game of the Week taped by Cablevision every Saturday night; Bristol Meyers is one of the advertisers supporting the program and CATV spokesman Dick Fenstermacher says systems are looking forward to doing more regional and local sports and converting local shows to regional video tape format.

MIDWEST. Cablecom General has added a second tower to improve reception on Ardmore, Okla. system. May 1 is still target date for Rice Lake, Wis. rebuild project; Jerrold is doing the construction work for Rice Lake Television; when the new all-band equipment is in, the city's 1800 subscribers will begin paying new rate of $5 per month, up from the present $4.

SOUTH. Camilla (Ga.) Cablevision Corp. has wiring under way in city. Cable service from Mid-Texas Communications Co. will be available in Harker Heights, Tex. this spring. Origination studios and offices are part of modernization plan for Tyler, Tex. system; LVO-owned system will also upgrade to 27-channel capacity; project, first proposed last fall, is expected to be well under way this month.

WEST. Midwest Cable Television has begun work on Haxtun, Colo. system. Clearview Cable has erected 100-foot tower and expects to turn on Port Orchard, Wash. system this month or next.

CANADA. Community Video, Red Deer, Alberta, is adding local origination to its cable offerings. Keeble Cable Television, Ltd. has signed a contract with Noram Communications for construction of Keeble's 250-mile Toronto, Ont. system; system will be the largest completely "operator-owned" in the country, according to company president G. F. Keeble, and is expected to be completed within a year.

files... and files... and cross files...

the information is necessary...but, are the files?

Yes, the information all those files provide is necessary... but, are the files? No, not when you can use U.S. Computer Systems.

The computer was designed to help management control their organizations, eliminate human error, turn billings out on time, post payments and adjustments, age receivables, generate collection and disconnect notices. But you knew that...

Did you know the Computer could also... recoup sales and receivables... indicate trends and growth patterns... keep them, the system manager aware of all potential trouble spots, with an accurate account of disconnects... where... and why? This new management system will give you an accurate and timely report of your entire operation, enabling you to have daily, tight control. And, it's necessary for your projected budgets to know what the next billing will be, and the estimated billing two or four months from now. You need to be aware of all homes passed by your cables, know why they are or are not your customers, to give you an inside edge on your next big sales campaign.

That's not all... the computer will supply you with sales tools for your marketing dept... mail labels, salesmen call cards, call sheets for telephone soliciting or follow-up... computer produced sales reports and will measure sales effort and the success of each Salesman.

Interested? You should be... for more information, call or write U.S. COMPUTER SYSTEMS/2330 Auburn Blvd./(916) 483-7871.

We are now servicing 48 cities... we'd like to make you the 49th.

U.S. COMPUTER SYSTEMS
2330 Auburn Blvd./Sacramento, Calif. 958216(916) 483 7871
AMECO'S PII SERIES AMPLIFIERS ARE ALL ALIKE*


Ameco PII Amplifiers and Extenders give you reliable operation under all weather conditions. They are easily installed and set-up through a series of non-critical adjustments. The excellent specifications including low noise figure at normal gain and extremely low cross-mod coupled with circuits that automatically control both gain and slope assure you and your subscribers of optimum system picture quality. Stability? Just set 'em and forget 'em. Your men don't have to go out several times each year to reset levels. Ameco amps are stable from -40° to +140°F!

Your subscribers expect good pictures, and you deserve some relaxation. So write us, or call our sales manager Collect so we can start helping you towards the best in system performance. And consider our new Push-Pull amplifier line for your large-channel-system needs.

<table>
<thead>
<tr>
<th></th>
<th>TRUNK AMPLIFIERt</th>
<th>Bridger Section of TRUNK AMPLIFIER Models PII-AP</th>
<th>PII-ABP, PII-ABC, PII-MB</th>
<th>BRIDGE AMPLIFIER Model PII-B</th>
<th>LINE EXTENDER Model PII-LE</th>
<th>&quot;Mini-Amp&quot; LINE EXTENDER Model PMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth</td>
<td>50 to 260 MHz ±0.25 dB</td>
<td>50 to 260 MHz ±0.5 dB</td>
<td>50 to 260 MHz ±0.5 dB</td>
<td>50 to 260 MHz ±0.5 dB</td>
<td>50 to 260 MHz ±0.5 dB</td>
<td>50 to 260 MHz ±0.5 dB</td>
</tr>
<tr>
<td>Cross Mod Ratio*</td>
<td>-90 dB @ +32 dBmV</td>
<td>-72 dB @ +38 dBmV</td>
<td>-72 dB @ +38 dBmV</td>
<td>-72 dB @ +38 dBmV</td>
<td>-57 dB @ +45 dBmV</td>
<td></td>
</tr>
<tr>
<td>Noise Figure, Max.</td>
<td>10 dB, Ch. 13</td>
<td>-</td>
<td>10 dB, Ch. 13**</td>
<td>10 dB, Ch. 13</td>
<td>12 dB, Ch. 13</td>
<td></td>
</tr>
<tr>
<td>Input Level (Typical)</td>
<td>+10 dBmV @ Ch. 13</td>
<td>-</td>
<td>+5 to +32 dBmV @ Ch. 13</td>
<td>+18 dBmV</td>
<td>+20 to +33 dBmV @ Ch. 13</td>
<td></td>
</tr>
<tr>
<td>Spacing (Typical)</td>
<td>22 dB @ Ch. 13</td>
<td>-</td>
<td>0 to 17 dB @ Ch. 13 from last preceding amplifier</td>
<td>14 dB of cable @ Ch. 13 plus 6 dB tap-loss (flat)</td>
<td>5 dB of cable @ Ch. 13 plus 7 dB tap-loss (flat)</td>
<td></td>
</tr>
</tbody>
</table>

*12 synchronously modulated channels. 5 dB block tilt, per NCTA standards. **Direct input, no directional coupler or equalizer. tModels PII-M, PII-AP and PII-AC have built-in bridger output tap, 10 dB down from trunk output level.

AMECO. Inc.
Box 13741, Phoenix, Arizona 85002
Telephone 602/252-7731
Kodak Sets Record
For Fiscal Results

Eastman Kodak Company, which supplies the cablecasting industry among many others, set new sales and net earnings highs in 1970, although operating earnings were lower than in 1979.

Louis K. Eilers, chairman, and Gerald B. Zornow, president, reported that consolidated sales worldwide for 1970 were $2,784,643,000—1 percent higher than the $2,747,180,000 recorded in 1969. Net earnings totaled $403,661,000, or 1 percent above the 1969 figure of $401,135,000. Per share earnings were $2.50 for 1970, $2.49 for 1969.

For the fourth quarter (the 16-week period ended Dec. 27, 1970), consolidated sales were $856,693,000 compared with $850,339,000 for the comparable quarter the preceding year. Net earnings amounted to $124,393,000, 2 percent below the 1969 fourth quarter total of $127,550,000. Per share earnings were $.77 for the 1970 quarter; $.79 for 1969.

Despite the records set for the year, Eilers and Zornow said, “For Kodak, 1970 was a year of marginal gains. The company felt the effects of business recession and the continuing pinch of inflation.” Commenting generally on the immediate outlook for Kodak, the two executives concluded: “The company shares the prevailing view that 1971 will be a year of economic recovery in the United States and, further, that business conditions will be favorable in many other parts of the world.”

Industry Stocks

<table>
<thead>
<tr>
<th>Stock</th>
<th>Stock Exchange</th>
<th>This Week</th>
<th>Last Week</th>
<th>Approximate High</th>
<th>Low</th>
<th>Shares Outstanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ameco</td>
<td>AM</td>
<td>9 1/8</td>
<td>8 5/8</td>
<td>16 4</td>
<td></td>
<td>1,200,000</td>
</tr>
<tr>
<td>Amer, Elec. Labs</td>
<td>OTC</td>
<td>7 3/8</td>
<td>7 5/8</td>
<td>7 7/8</td>
<td>3</td>
<td>1,516,432</td>
</tr>
<tr>
<td>Amer, TV &amp; Comm.</td>
<td>OTC</td>
<td>18 1/2</td>
<td>17 3/4</td>
<td>23 11/4</td>
<td>1,775,101</td>
<td></td>
</tr>
<tr>
<td>Anacoda</td>
<td>NY</td>
<td>20 1/2</td>
<td>20 7/8</td>
<td>24 18 7/8*</td>
<td>21,891,634</td>
<td></td>
</tr>
<tr>
<td>Anixter Bros.</td>
<td>OTC</td>
<td>9 3/4</td>
<td>9 1/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burnup &amp; Sims</td>
<td>OTC</td>
<td>31</td>
<td>28</td>
<td>33 5/8</td>
<td>10 3/4</td>
<td>585,054</td>
</tr>
<tr>
<td>Cable Info Systems</td>
<td>OTC*</td>
<td>3 1/2</td>
<td>3 1/2</td>
<td>5*</td>
<td>2 1/2*</td>
<td>981,000</td>
</tr>
<tr>
<td>Cablecom General</td>
<td>AM</td>
<td>12 7/8</td>
<td>23 7/8</td>
<td>7 3/8</td>
<td>2,394,661</td>
<td></td>
</tr>
<tr>
<td>Citizens Finance Corp.</td>
<td>AM</td>
<td>15 1/2</td>
<td>16 7/8</td>
<td>18 10 1/8</td>
<td>1,087,500</td>
<td></td>
</tr>
<tr>
<td>Cochol Electronics</td>
<td>AM</td>
<td>7 3/8</td>
<td>7 1/4</td>
<td>8*</td>
<td>7 1/4*</td>
<td>1,401,152</td>
</tr>
<tr>
<td>Comm. Properties</td>
<td>OTC*</td>
<td>8 3/8</td>
<td>8 1/2</td>
<td>9 1/2*</td>
<td>7 1/2*</td>
<td>1,823,191</td>
</tr>
<tr>
<td>Cox Cable Comm.</td>
<td>OTC</td>
<td>19 3/4</td>
<td>18</td>
<td>25 1/4</td>
<td>3,550,625</td>
<td></td>
</tr>
<tr>
<td>Cypress Comm.</td>
<td>OTC</td>
<td>7 3/4</td>
<td>7 1/4</td>
<td>19 1/4</td>
<td>1,887,826</td>
<td></td>
</tr>
<tr>
<td>Entron</td>
<td>AM</td>
<td>3 3/4</td>
<td>4</td>
<td>7 5/8</td>
<td>2 1/8</td>
<td>1,275,804</td>
</tr>
<tr>
<td>General Instruments</td>
<td>NY</td>
<td>20</td>
<td>20 7/8</td>
<td>30 7/8</td>
<td>11 1/2</td>
<td>6,026,000</td>
</tr>
<tr>
<td>Gulf + Western</td>
<td>NY</td>
<td>24 3/4</td>
<td>24 1/2</td>
<td>24</td>
<td>9 1/2</td>
<td>15,120,860</td>
</tr>
<tr>
<td>Kaufman &amp; Broad Inc.</td>
<td>NY</td>
<td>50 3/4</td>
<td>49 7/8</td>
<td>52</td>
<td>22 3/4</td>
<td>5,880,222</td>
</tr>
<tr>
<td>LVO Corp.</td>
<td>NY</td>
<td>6 5/8</td>
<td>6 1/2</td>
<td>9 3/8</td>
<td>4</td>
<td>5,692,078</td>
</tr>
<tr>
<td>Magnavox</td>
<td>NY</td>
<td>40 1/8</td>
<td>41 3/8</td>
<td>42 3/8</td>
<td>37 5/8</td>
<td>16,861,863</td>
</tr>
<tr>
<td>Reeves Telec</td>
<td>AM</td>
<td>3 1/4</td>
<td>3 1/4</td>
<td>15 7/8</td>
<td>2,163,000</td>
<td></td>
</tr>
<tr>
<td>Scientific-Atlanta</td>
<td>AM</td>
<td>10</td>
<td>9</td>
<td>10</td>
<td>5</td>
<td>903,930</td>
</tr>
<tr>
<td>SKL (Spencer-Kennedy)</td>
<td>OTC*</td>
<td>2 5/8</td>
<td>2 5/8</td>
<td>6</td>
<td>2</td>
<td>590,690</td>
</tr>
<tr>
<td>Tele-Communications</td>
<td>OTC</td>
<td>16 5/8</td>
<td>13 3/4</td>
<td>17</td>
<td>8 3/8</td>
<td>2,884,657</td>
</tr>
<tr>
<td>TeleMation Inc.</td>
<td>OTC*</td>
<td>11 1/2</td>
<td>10 7/8</td>
<td>14 1/8*</td>
<td>4</td>
<td>1,086,735</td>
</tr>
<tr>
<td>TelePromTer Corp.</td>
<td>AM</td>
<td>66 3/4</td>
<td>60 3/8</td>
<td>133 1/2</td>
<td>46</td>
<td>3,193,022</td>
</tr>
<tr>
<td>TeleVision Comm.</td>
<td>OTC</td>
<td>10 7/8</td>
<td>8 5/8</td>
<td>20 2/2</td>
<td>6 1/4</td>
<td>2,850,000</td>
</tr>
<tr>
<td>Texscan</td>
<td>OTC</td>
<td>4 1/8</td>
<td>4 1/4</td>
<td>5*</td>
<td>3 5/8*</td>
<td>518,511</td>
</tr>
<tr>
<td>Viacom</td>
<td>NY</td>
<td>19 3/4</td>
<td>20 5/8</td>
<td>19 1/2</td>
<td>13 1/4</td>
<td></td>
</tr>
<tr>
<td>Vikoa</td>
<td>AM</td>
<td>11</td>
<td>10</td>
<td>27 1/2</td>
<td>6 1/8</td>
<td>2,313,000</td>
</tr>
</tbody>
</table>

AM = American Exchange; NY = New York Exchange; OTC = Over the Counter. The AM and NY listings are last Monday's closing prices. The OTC listings represent bids quoted by over-the-counter dealers as of mid-afternoon last Monday. The OTC listings represent bids as of last Tuesday PM, supplied by the listed firm. The High/Low figures represent approximate highs and lows during the last twelve months (except those with an asterisk* are for calendar year 1971). The Shares Outstanding figures represent most recent quarterly report from the listed firm.
Lipp Leaves Vikoa; Mattison Takes Over

Vikoa's vice president of sales, Allen Lipp, has resigned his position, according to a company announcement. Gerald H. Mattison has been named director of sales and marketing for CATV/communications products and will assume Lipp's responsibilities.

Lipp is the second top-level Vikoa drop-out in as many weeks. Official word of his leaving followed on the heels of the resignation of George Green, executive vice president.

Mattison was formerly with Fairchild-Hiller Corp. and Litton Industries. He brings to his new position 17 years of communications experience and an MEE degree from New York University.

TVC Promotes Ferguson To Chief Engineer

Mac Ferguson, previously systems engineer for TeleVision Communications Corporation's Akron Cable Vision, has been promoted to chief engineer for the New York-based MSO.

Ferguson will continue to headquarter in Akron, Ohio, where he was responsible for the engineering of the country's largest cable system now under construction there. His responsibilities will now extend to engineering design and supervision of all TVC systems.

In making the announcement of Ferguson's appointment, vice president Joel P. Smith said, "TVC is fortunate to have the services of Mr. Ferguson in the vital area of engineering. A veteran of more than 20 years in the CATV industry, he is considered one of the industry's foremost engineers." His expertise, said Smith, will be invaluable as TVC continues to move into "the big-city markets."

Before joining TVC, Ferguson was vice president of Athena Communications Corp., Gulf & Western's CATV subsidiary. Previously he served as vice president of Philadelphia CATV; manager of the CATV Department of Philco Ford's TechRep Division; and chief engineer of Jerrold's CATV Operations Division.

Williams Moves Up In Trans-Video Corp.

Donald O. Williams has been promoted to vice president and general manager of Trans-Video Corp. according to the parent company, Cox Cable Communications, Inc.

Williams has been with Trans-Video, which is the San Diego-based operating division of Cox, since 1966 and was most recently assistant secretary-treasurer and business manager.

Moving up to fill the secretary-treasurer slot is Gary A. Hokenson who began his CATV career as an installer for Mission Cable TV in San Diego. He was at one time manager of the company's Bakersfield system and more recently has been serving as Trans-Video's system operations manager.

A third executive-level appointment was also announced, that of S. John Martin, Jr., as controller-business manager. Martin joined Trans-Video in December, 1970. He is a 1968 graduate of San Diego State College and was formerly controller of Fairchild Semiconductor Company.

General Television Names Top Officials

General Television, Inc., cable MSO operating in Delaware and Maryland, has elected a new board chairman and a new president.

Jay Phillips, who has been a director and shareholder of GTI since 1965, is the new chairman. He and his brother Morton B. Phillips, who is also a director of the firm, became interested in CATV because "of the great
potential for growth and new applications for cable television as a practical communications vehicle," said Phillips. He is chairman of the board of Ed. Phillips & Sons, Co., Minneapolis.

James B. Goetz, a former lieutenant governor of Minnesota, was tapped for the presidency of GTI. Goetz, a former broadcaster, has been president of Gem Radio in Winona, Minn., president and co-owner of KAGE Radio, Inc. in Winona and a vice president and director of the Minnesota Broadcasters Association. He served as the Minnesota lieutenant governor from 1966 to 1970.

**Personalities on the Move**

Donald L. Brownley has been named assistant art director for Barash Advertising, Inc. serving many CATV clients... Conrac Corp. has elected Milton Sanders a vice president; Sanders joined Conrac in April, 1970 and was appointed Information Group Manager in July of last year.

Donald J. Phillips, recently named general manager of MSO Nation Wide Cablevision, Inc., has announced the appointment of four new system managers: Ken Knoch in Skagit, Wash.; Mike Kelly in Morgan Hill, Calif.; Tom Sontini in San Carlos, Calif.; and Carl Rodney in Grass Valley, Calif.; Lawrence J. Carleton has been given wider responsibilities for Nation Wide’s northern West Coast systems and Tom LaFourcade will manage the Southern California systems operations.

Parker Affiliated Companies has named Robert L. Larson vice president in charge of operations of Parker Cablevision... David Baco is now cablecast announcer for Amherst Cablevision, Amherst, New York.

Robert O. Smeland has been appointed manager of sales promotion and customer training at GTE Lenkurt, Inc... AEL has named Patrick A. Bartol as Northern U. S. regional CATV engineer.

---

**WANTED CATV PRODUCTS**

Company with North American and International marketing organization seeks to acquire on a private label basis, new or unique products for the CATV or other related markets. Your reply treated in complete confidence. Write CATV Box W272-4.

**M.S.O. MGR.**

Excellent East Coast opportunity for CATV executive seeking greater challenge, responsibility and financial rewards. Man selected will be in complete charge of 5 systems with 16,000 subscribers. Minimum 4 years system management experience necessary. Salary up to $25k plus incentive and stock options. Send resume to Box W272-5. Confidential.

**JANSKY & BAILEY**

TeleCommunications Consulting Department

CATV & CCTV

Phone 202/296-6400

1812 K Street N.W.

Washington, D.C. 20006

Atlantic Research

The Susquehanna Corporation

**GEORGE BROWNSTEIN**

TeleCommunications & CATV

Consulting Engineer

16345 Bermuda/Los Angeles, Cal., 91344

(213) 363-7058

**FOR SALE**

**BUCKET TRUCK**


**Jerry Conn & Associates**

**MANUFACTURERS REPRESENTATIVES**

**TO THE CATV INDUSTRY**

1070 S. Coldbrook Ave.

Chambersburg, Pa. 17201

(717) 263-8258

---

**What is CATV?**

This question and many others are answered in the new book published by The National Cable Television Institute.

Its 105 pages contain:

• History and development of CATV
• Future prospects of the Industry
• Complete description of each component from antennas and headend to connection at the subscriber’s set
• All described in layman’s terms.

It is excellent in explaining the concepts of CATV to:

• The new employee
• The clerical or non-technical employee
• The City Official, banker, or other professional person
• The manager of a multiple-subscriber installation, hospital, apartment house, hotel or rest home

This new book entitled “Introduction to CATV” is available at $9.95 per copy. Marked down from its original price of $14.95 to $9.95, this book is designed to give a complete picture of the total CATV industry to the non-technical person. Write today for your copy and send your check or money order to:

National Cable Television Institute

3022 Northwest Expressway, Suite 305

Oklahoma City, Oklahoma 73112

---

CATV—March 8, 1971
There are some ten million black citizens in the U.S. . . . yet there is only a handful of radio stations owned and operated by blacks . . . and there are no broadcast television stations owned and operated by blacks. While the FCC and special seminars for blacks "discuss" ways for minorities to get into the electronic media, Charles "Chuck" Johnson is doing something!

Chuck is the only black who owns and operates a television "station." He comes from a background of fifteen years in radio and television. He has managed five radio stations and has produced numerous local black TV programs and TV specials. In 1968 the California State Legislature recognized him with a Special Achievement Commendation for being a leading force in Negro progress in San Diego. Johnson is also the winner of the San Diego 200th Anniversary Award for Outstanding Community Leadership in Radio and Television (1969).

The Johnson-formed Black Video Syndication Network has been slow to get off the ground (a video taped network of all-black entertainment and cultural programming). However, one of his programs, "Soul Time U.S.A." is currently being marketed nationwide to TV stations by Time-Life Films.

Last year Chuck formed Johnson Communications Company as a division of BVS, and entered into an agreement with Mission Cable TV, Inc., the cable system that serves about 40,000 homes in the San Diego area. He leased channel seven (for a percent of his earnings) and began to program the channel as a television "station" beginning October 5, 1970.

Channel seven is "on the air" from 7:30 p.m. to 10:30 p.m., seven days a week. Chuck has experimented with a wide variety of programming content and origination equipment. All programming is done on video tape and taken to the cable system for cablecasting. Two months after Johnson began originating on channel seven, the cable system began its own origination on channel nine. Both also sell and carry local advertising.

After much experimentation on programming, Johnson observes, "You have to decide between commercial and non-commercial programming . . . If you want to realize a profit, you must go in with the commercial attitude or you'll run into some serious problems. People (black or white) will not sit through a daily diet consisting solely of community problem discussions, talk, culture and soapbox shows . . . the secret is entertainment." The majority of channel seven's audience is white, blue-collar, middle-class. So that is the group Johnson programs to. He reports he is now operating on a break-even basis.

Johnson, who sees his channel seven as a test operation, hopes to help other black and non-black entrepreneurs with cable TV local originations. City councilmen from several communities have invited Chuck Johnson to counsel them on CATV-minority group relations . . . and he has the practical experience from which to speak.
Some people think we’re just a bunch of eggheads

They’re right! And some of our best customers are eggheads, too. The same is true of our best prospects, as well. Our customers have one common characteristic . . . they are convinced that a “no-nonsense” engineering approach to quality pays dividends in system performance. We admit that we’re a bunch of eggheads . . . eggheads who have produced these firsts in CATV amplifiers:

1953 Messenger Mounting
1953 Cable Powering
1954 Pilot controlled automatic level control system
1965 Use of integrated circuits
1966 High output solid state equipment
1968 Use of modulated pilots
1969 Use of heat fins on castings
1970 UHF Converter with crystal oven and Schottky mixer

Not bad for a bunch of eggheads!

Isn’t it time for you to talk to the “no-nonsense” engineers at C-COR? Eggheads or not, they have the right answers for your system. Call or write today . . . ask for Doug Jarvis.

C-COR Electronics Inc.
60 Decibel Road, State College, Penna. 16801 814-238-2461
FUTURA 300
INTEGRATED CIRCUIT
LINE EXTENDER AMPLIFIER SERIES
FOR CABLE COMMUNICATIONS SYSTEMS

- Hybrid Integrated Circuit - Maximum reliability, with push-pull output for lower second order distortion.
- Expanded Range - 40 to 300 MHz to carry the Super High Band Channels (individual amplifiers).
- New Channels - The expanded channel capacity you need (right off your distribution lines) to present the varied programming that will please your subscribers and attract new ones.
- Full specifications and prices for Vikoa Futura 300 Amplifier Series, including integrated circuit line extender amplifiers and a complete line of expanded range passive equipment, available on request.

vikoa technically, the One
New champ of the multi-taps...

FLEXITAP by Jerrold

The all-new FLEXITAP is the only multi-tap that automatically lowers your cost per subscriber.

How come?

Because FLEXITAPS have the lowest insertion loss in the industry. That means you can run feeder lines further. And you can serve more subscribers per foot.

What's more, FLEXITAP permits you to build a "dedicated" system. A system with all the taps you'll ever need in place. Lines never need to be disturbed since maximum insertion losses are built in to accommodate all future subscribers. Only the bottom plate of the FLEXITAP must be changed (at points where no initial connections were made) from a blank plate to a one, two, three, or four-outlet bottom plate.

The rugged, die-cast, radiation-proof housings are unique in that drop connections are offset to provide for minimum clearance. Built-in OF fittings (seized-center conductor connectors which accept all .412-type aluminum-sheathed coaxial cables) provide speedy, foolproof installation.

The six values (3, 6, 9, 14, 19, and 25 dB) of FLEXITAP are simple to interchange. Directional coupler circuit modules see to that.

New, money-saving Jerrold FLEXITAPS are miles ahead of any other multi-tap on the market. Order them—now—from your Jerrold CATV representative. Or call or write to the nearest regional office.
NCTA Files U. S. District Court Suit Against FCC for Withholding Info

NCTA says Commission has violated the Freedom of Information Act for refusing to make available background information on CATV fees. Claims information it requested is within its rights to request.

NCTA last Friday, May 1, filed suit against the FCC in the U.S. District Court in Washington, charging the Commission with violating the Federal Freedom of Information Act by refusing to make available to NCTA all the background papers used in arriving at the Commission's new schedule of fees for communications.

The Freedom of Information Act requires the federal government to make all its records available at the request of the public. There are some exceptions, including confidential business information.

Within Its Rights

NCTA claimed in its court suit, however, that all the information it requested is clearly within its rights to demand.

The FCC set up its new schedule of rates on the stated theory that regulated industries should pay for the operation of the Commission, and it allotted charges to various aspects of the communications field, such as CATV, according to direct and indirect costs of regulation, plus value to the industry. NCTA maintains that no value to the industry has been shown and that no documents could be produced to show any value.

NCTA asked the court to permanently enjoin the FCC from withholding agency records that the law states should be available for public inspection and to temporarily enjoin the FCC from any further action on fees until the court settles the suit. NCTA also asked the court to direct the FCC to extend time for written comments for 60 days after NCTA inspects the agency's records and declare invalid any part of the FCC rules and regulations inconsistent with the Public Information Act.

Consistently Repressed

Donald V. Taverner, president, commented that the CATV industry has tried all recourses with the FCC in this matter. "The Commission has consistently repressed records detailing how they arrived at the proposed fees and charges. Thus far, we see little 'value to the recipient' in the privileges granted the CATV industry."

General Telco Halted In Manatee Co., Florida

General Telephone System Companies last week were ordered to cease and desist within 30 days of further construction operations of CATV distribution facilities in the city of Bradenton, Florida, and other areas of Florida's Manatee County.

The general systems, General Telephone & Electronics Corp., GT&E Communications, Inc. and General Telephone of Florida—have been involved in a longstanding dispute with Manatee Cablevision, Inc., a competing CATV operator in that area. The General Systems' cable operations are charged with anti-competitive CATV actions in Manatee County by Manatee Cablevision. The general systems, in turn, charge Manatee Cablevision with constructing new facilities while the proceeding is pending.

The FCC last week, however, noted that it has concluded that general systems took advantage of their "monopoly position as communications common-carrier."

TPT, H&B Set Meetings For Merger Approval

TelePrompTer Corp. and H&B American Cablevision have both set stockholder meetings—both in New York City—for May 21. The meetings are to approve their merger.

After clearances from the SEC and since the firms have heard no opposition from the FCC, the companies both recently sent out proxies to their stockholders.

Upon stockholder approval, TPT and H&B hope to be merged sometime in June or July.
We have the team to make you a winner!

Two teams in fact. A team of experts in the design and manufacture of latest state-of-the-art equipment. And a team of CATV construction engineers qualified to supervise any installation, large or small.

Our famed Phoenician Series and Phoenician XR Series offer a selection to custom-fit any need. And with equipment convertible to added channels (to 32 TV channels plus FM if the "XR" series is used), you can plan for the future while saving money at the outset.

Versatility is the name of the game at KAISER CATV. For some skillful coaching, just give us a whistle.

KAISER CATV
Division of Kaiser Aerospace & Electronics Corporation
P.O. Box 9728, Phoenix, Arizona 85020, Phone (602) 944-4411
Four Bills Race Against the Clock
Before Rhode Island Legislature

Slow death seen for two bills, but remaining two see action in hearing.
Ownership restrictions may fall abruptly on R.I. media. Sisson hopes for
passage of S.590.

The Rhode Island legislature at CATV presstime was close to lock-
ing up this year’s session—and at the time, four CATV bills were
still in committee. Two of the bills were already dying a slow death
and the other two last week were undergoing study and discussion.

No Chance of Passage

A bill introduced by Representa-
tive Thibudeau asking for
repeal of the bill passed last year
asserting PUC jurisdiction over
CATV had not been given any
chance of passage. The bill has
been more or less in the shuffle
to close up the legislative session.

Another bill calling for grand-
fathering systems built or in
operation before May 16, 1969,
was also dying last week. The bill,
introduced by Representative
Baronian, called for CATV
systems to get automatic certica-
tion and not have to apply to the
Public Utility Commission for
certification to operate.

Others Still Alive

The two other bills—very much
alive—were discussed last week in
a hearing called by Senator James
L. Taft. Bill H.2141 proposes
prohibition of radio, TV and
newspapers (daily or weekly) from
having controlling interest in
CATV system. The bill would
affect any controlling ownership,
not just same market ownership.
The bill is said to have been
introduced especially against the
Providence Journal which owns
the state’s only CATV system,
Westerly Cable Television Inc.

The other bill to have been
discussed in hearing, S.590, would
enable CATV systems to erect
distribution facilities without
having to go through the General
Assembly (both houses) for
permission to erect cable poles
and wire. At present, leaseback
operations are the only type
systems which the PUC can auto-
matically authorize.

The legislative hearing time was
mainly taken up with testimony
objecting to the CATV ownership
bill. Representative of the weekly
and small daily newspapers, Roz
Bosworth said that eventually
newspapers would have to take
advantage of the technology of
CATV in distribution and that
banning of ownership was an
“abridgment of freedom of the
press.”

Sponsor Stands Alone

Other witnesses included
president of the Rhode Island
Broadcasters Association, Robert
Crohan, who objected to the bill,
and representatives of the Prov-
dence Journal and Westerly Cable
Television who objected stren-
uously. The only favorable testi-
mony for the bill came from its
sponsor, Representative Miller.
S.590 was not mentioned at the
hearing, but George Sisson,
Westerly Cable Television, who is
the newly elected president of the
New England CATV Association,
said that nevertheless it still had a
chance for passage.

Sisson had hopes that the
ownership bill would fail, and he
said chances for its failure were
good—especially in light of the
testimony at the legislative
hearing.

Calif. Solons To Study
Handfull of CATV Bills

Of the three bills—affecting
CATV—that have been introduced
recently into the California legisla-
ture (CATV, April 13, 1970), two
are unfavorable and the other calls
for uniform gross receipts taxes on
CATV systems.

The more stringent of the two
unfavorable bills has been intro-
duced by Senator George
Danielson (last year’s chairman of
the California Senate Committee
on Public Utilities and Corpora-
tions). The Senate Committee on
Public Utilities and Corporations
has been assigned the task of
studying the bill and has set a
hearing for May 12.

Danielson’s bill upon introduc-
tion was similar to the bill he
introduced last year. It calls for
extension of the jurisdiction of the
Public Utilities Commission to

Attendees of Cascade Electronic's recent technical school in Calgary, Alberta, gather after
the meeting. Seen above are some of the twenty-five attendees. Included are seven engineers
from the Alberta Government Telephone Co., two captains from the Canadian Armed
Forces Base at Cold Lake, Alberta, one captain from the Canadian Armed Forces Base at
Shilo, Manitoba, two engineers from the Dept. of Communications University of Alberta
and CATV system engineers from B.C., Alberta, Saskatchewan, and Manitoba.

CATV—May 4, 1970
"The right equipment makes the difference" especially when it comes from the leader in CATV product development.

In CATV, equipment mistakes can be critical — take Modulators, for example. There are several available on the market, but there is only one which combines all the necessary "right equipment" features to do the whole job efficiently — the Anaconda Electronics' Model 8900 TV Modulator.

The Model 8900 has built-in quality. The reliability of its all solid state circuits is reflected in the unexcelled visual and aural fidelity of either monochromatic or color signals from VHF sources, microwave sources and local origination.

Low distortion-differential gain of \( \pm \frac{1}{2} \) dB and differential phase of \( \pm 1 \) degree insures excellent color transmission. The 8900 Modulator features a built-in metering system for ease of operation and maintenance, that is, no external test equipment is required for instantaneous monitoring of our critical functions: video carrier modulation, sound carrier modulation, external line voltage level, and internal B + power supply level. Another "right equipment" feature is a convenient, front panel control/indicator which will accurately set the output level to any desired setting in incremental steps of 1 dBmV from +50 to +60 dBmV. Because of the extended broadband response of built-in circuitry, the envelope delay difference between the picture carrier and the color sub-carrier frequency is at an absolute minimum, thus assuring true color reproduction.

The FM Modulator employs positive "no drift" circuitry to maintain the 4.5 MHz center frequency within \( \pm 1 \) Khz. Further flexibility is achieved with the provision of audio or 4.5 MHz sub-carrier inputs making the unit ideal and convenient to use for the application of either local origination or direct microwave signal input.

The Sound Modulator employs a unique phase cancellation technique to generate the sound carrier which insures rejection of the lower sideband by as much as 80 dB.

It's the RIGHT EQUIPMENT — It's the Model 8900 TV Modulator, built and backed by Anaconda Electronics.

ANACONDA electronics
365 NORTH MULLER STREET, ANAHEIM, CALIFORNIA 92801 (714) 635-0150
IN CANADA
ANACONDA electronics ltd.
1915 STAINSBURY AVENUE, VANCOUVER 12, B.C., (604) 876-6213
include CATV, but the grapevine in Sacramento indicates that the bill is presently undergoing extensive revision.

The bill in its final form is expected to be printed and released only three days prior to the Senate committee's hearing—so the California Community Television Association will be scrambling to study all the sections of the bill before the hearing.

An interesting adjunct to the committee's hearing is the spring meeting of the CCTA which will be held May 10-12 in the Senator Hotel right across the street from the state capital. The association plans to adjourn in force to the hearing on Danielson's bill to lend a hand to kill the bill.

The favorable CATV bill has been introduced by Assemblyman Larry Townsend. The bill would require uniformity throughout the state in the matter of limiting franchise fees charged by cities and counties to five percent. The legislature had previously passed legislation in this regard, but some cities had been attempting to bypass the law because of their status as a "charter city." The new bill would strengthen the language of the bill to include all the cities—including charter cities.

The final bill, which was introduced by Senator McCarthy from Marin County, is speculated to call for the reestablishment of CATV franchise bidding in California. Two years ago the legislature had outlawed bidding, but the new bill as looked upon by California cablemen would open up the section of the act which originally killed the practice of franchise bidding.

Indiana CATV System Hosts 'Earth Week'

To some it was "Earth Day"—to Columbus Communications Corp. it was "Earth Week." Bob Ruesch, director of programming for the Cox cable system in Columbus, Indiana, with cooperation from boss John Gwin, gave subscribers and fellow CATVers an impressive demonstration of how cablecasting can give local significance to a national event.

A combination of live and filmed programming brought home to Columbus viewers how earth, air and water pollution are affecting their environment. According to Ruesch, high points of the week's schedule were two programs produced by the local high schools. Working a month in advance with the students, the "T.V. Seven" CATV team ironed out most of the production problems. The scripts, however, were the entire responsibility of the students.

General Telco Objects To FCC Ownership Rule

General Telephone Company of the Southwest last week filed a petition for review in the U.S. Court of Appeals in New Orleans objecting to the FCC order forbidding telco ownership of CATV systems in the telco service area.

The Commission rule forbidding ownership of the systems became effective May 1. Telcos under that rule are forbidden to take ownership of new systems and they are given four years to divest themselves of ownership of cable systems in their service area.

CATV Attendance Soars For NCTA Software Show

Three hundred cablemen—over twice the number expected—descended on Chicago's Palmer House last week for NCTA's special seminar on cablecasting software. On Thursday, operators from all across the country gave ear to descriptions of over 20 software packages. The day was capped by a banquet speech by Clay T. Whitehead, special assistant to President Nixon.

Operators spent the entire day Friday visiting the exhibits of the twenty-four suppliers showing their wares, and getting details regarding software availabilities.

Software packages now available or fresh off the drawing boards range from automatic news programming to old TV re-runs to sophisticated and professional entertainment programming produced especially for CATV. In addition to many new companies formally moving into the CATV supply business, representatives from firms such as 20th Century Fox, MGM, United Artists and Screen Gems could be seen taking a behind-the-scenes look at the cable and the programming being marketed.

The overall atmosphere of the meeting was bullish although there were some reservations. While software suppliers repeatedly referred to the vast advertising potential available through cablecasting and canned programming, cablemen were not so quick to think measureless easy dollars were lying around waiting to be picked up. Also, some cable operators expressed concern that CATV might be seen as a dumping ground for low-quality, inexpensive programming. One thing is sure, however—CATV is coming of age as a program industry.

NAB Asks for Exception In Small System Rule

The NAB Cable Television Subcommittee last week unanimously agreed to request that the Senate Copyright Bill exempt from copyright payment only those CATV systems with 2,000 or less subscribers.

But even this bone thrown to the CATV industry by the NAB had a string on it. The subcommittee said that the small system exemption shouldn't apply if system ownership has multiple system ownership totaling more than 10,000 subscribers.

OUR COVER

Participating at a round table discussion arranged by TV Communications Editor B. Milton Bryan are (left to right) Mark Webber, Jerrold; Xenny Mitchell, Ottawa TV Cable; J. T. Hoey, Chillicothe, Ohio, Telecom, Inc.; and Barry Stigers, Athena Communications.
the world’s finest transformer

This is the world’s finest transformer. Maximum loss (5-300 Megacycles) is only .25 DB, with average about .15 DB. Response is extended to 900 megacycles, VSWR less than 1.15 (return loss better than 23 DB.) It has “direct pickup” cancellation of braid currents. Both 300 OHM Leads have blocking capacitors. The special “O” ring clamps so firmly the customer can’t pull it out of the F-59... and the F-59/F61 are a new breed, Hamlin exclusive. The spade lugs have “Turned Up” noses that won’t slip from the screws. The poly in the twin lead and the copper in the poly are extra heavy.

This is the first of many Hamlin passive devices shortly to be announced. They will all be 5-900 megacycles. Some day you will need that response. Get it now! We sell these at a very special price to “MSO’S”. To us YOU ARE AN MSO. The price is $75.00 per hundred... 75c per transformer. Sold only in 100 unit packages. Order a few hundred now!

The quality is unmatched by competitors at almost double the price.

For additional information or specifications on Hamlin Matching Transformers, wire, write, or phone today.
Cablecast, Law Talks Top PCATA Schedule

Presentations on federal and state regulation of CATV, cablecasting and technical sessions will headline the spring meeting of the Pennsylvania Community Antenna Television Association set for this week at the Host Farm in Lancaster, Pa.

A keynote of the association's meeting will be the President's Reception and Banquet featuring master of ceremonies Frank Nowaczezk of Blackburn & Associates; Past President's Recognition, John Rigas, PCATA president; and a message from Donald V. Taverner, NCTA President.

Washington, D.C. attorney will lead off Wednesday's list of sessions on state and federal regulation of CATV. Smith will speak on "Recent Developments in Utility Pole Practices."

"CATV in Washington—The Worst of all Possible Worlds," a presentation by Lewis I. Cohen, Washington D.C. attorney, will follow Smith's presentation. Cohen, after his presentation, will field questions from association members.

Also participating in Wednesday's sessions are Ralph M. Fratkin, CPA who will speak on "Public Utility Regulation" and George J. Barco, Pennsylvania attorney who will talk about "Pennsylvania CATV Legislation."

Wednesday's cablecasting sessions will feature: Gary Dent, PCATA, moderator; Dr. Norwood L. Simmons, Eastman Kodak; John Kepler, Kepler TV; John Kuller, K and S TV Systems; Jay Silver, Documentary Broadcasting, Inc.; and David Berner, TV Host.

Technical sessions Thursday feature Milton Schmidt, PCATA, moderator and begin with Norman Penwell of NCTA who will speak on standardization for CATV. Walter Wydrow, consulting engineer, will make a presentation on "Multiple Channel Systems and Other Services."

Paul Mattern, CAS Manufacturing, will speak on the state of the art head-end techniques for multiple channels and origination.

"Uses of the TDR in Underground Maintenance" will be the topic of a technical presentation by Dennis Sponseller of Hewlett Packard Co. Anchorman in the technical sessions will be Arie Landrum of Berkey Colortran who will talk on lighting for CATV originating.

Ohio Bell May Sell CATV Plant FCC Says

Rumors are rolling around the FCC's Common Carrier Bureau that Ohio Bell Telephone Company plans a monetary move out of CATV.

The rumors say the Ohio Bell will soon file with the bureau to almost double its CATV leaseback rates—an effort on their part to sell out of CATV.

Such an increase in rates would force CATV system operators to buy the plant they have been leasing from the telco.

NY Association Meeting Emphasizes 'How To' Info

Local origination, cable piracy, the Washington scene, sales and advertising were among the key subjects covered in special panels and workshops during the New York State Cable Television Association spring meeting, May 1 and 2 at The Treadway Inn in Binghamton.

Michael B. Monahan, general manager of Auburn Cablevision, who co-ordinated the meeting, indicated that he and his committee placed special emphasis on sessions that gave cable operators "how to" information rather than theory.

Another keynote of the NYSCTA meeting was the luncheon speech on Saturday by NCTA's new President, Donald V. Taverner.

Among the industry personalities appearing as speakers on the NYSCTA program during the 2-day meeting were Matthew Lysek, Craftsman; Anthony Cerrache, Ithaca; Donald Guthrie, Time-Life; Harry Levin, Ilion; Morton Berfield, Cohen & Ber-
Taxation Without Representation

While we sympathize with the FCC's problems in getting any kind of reasonable budget pushed through Congress...and while we agree that reasonable fees paid for the Commission's work are in order...we can't avoid a sneaking hunch that CATV, the "new kid on the block," is being asked to pick up more than its fair share of the tab.

NCTA and quite a few private parties in the industry share the hunch, as witnessed in their filings at the Commission. It's the 30 cents-per-subscriber charge levied on cable systems that gets under our skin. Some of the industry's brightest attorneys say that such a charge is a "tax"—not a "fee"—and point out that, while the FCC's powers may be broad, they don't yet include the power to tax.

Legally, a fee is defined as a charge to cover expenses of a service. But the Commission has not shown any correlation between its CATV-related services and the number of subscribers served by the individual systems. Indeed, many systems which would have to pay out a healthy chunk of money under the proposed fee schedule may never even appear before the FCC.

Maybe feelings wouldn't run so high if cablemen didn't feel they were being asked to support a system which offers them nothing in the way of protection—which, in effect, protects the broadcasting establishment at the expense of cable television. As it is, the FCC would be wise to either explain the charge or drop it entirely.

How High Is Too High?

In these days of rising costs and tightening money, CATV operators can take some dim hope for the future from the recent Ohio court rulings which outlawed franchise fees in Sandusky and Fremont.

The court there said that some sort of business operating "fee" to the city would be in order...but that the fee must bear a reasonable relation to the city's administrative expenses in regard to the cable system. (FCC please note!)

Some of the blame for excessive franchise fees can certainly be laid on the doorstep of the cable television industry. In the face of such irresponsible bidding as that in Albuquerque, city governments quite naturally see CATV as a gold mine. But the Ohio court wasn't passing judgment on an outrageous fee...in fact, the 3% charge at issue would seem quite reasonable to most operators today. The court, in effect, said all fees are outrageous if they exceed the city's cost in having the business there. Welcome words indeed!

Robert A. Searle
Editor

Canada held its Sixth Western Convention in Penticton, British Columbia. Co-chairman R. Pat Brown and Lloyd Cantrell put together a program featuring national association officers Fred Metcalf and Ken Easton as guest speakers.

New Jersey operators formed their first state association and elected J. Phil Franklin president, Frank Scarpa vice president, Pete Lucin secretary-treasurer.

Robert H. (Hank) Symons was transferred from manager's position in the Liberal, Kansas cable system to TelePrompTer's main offices in New York. His new position, director of budgets.

5 YEARS AGO

U.S. Representative Oren D. Harris (D-Ark.) introduced Bill 7715, dealing "with the role of community antenna television systems in relation to television broadcasting." Unhappy with the FCC's approach to CATV regulation, Harris said, "The Commission has adopted a course of action...not in the best interest of the future of television in the United States."

FCC Commissioners Lee Loevinger and Robert Bartley sent the Commission's CATV/Microwave Report and Order and Notice of Inquiry for overall CATV rules. Said Loevinger: "In the face of statutory language, the Commission's own precedents, the prior statements of the Commission...it seems to me to be presumptuous for the Commission now to assert jurisdiction (over CATV) which it has previously explicitly disclaimed." FCC Chairman E. William Henry, however, staunchly defended the Commission's notice of proposed rule-making—even against the contrary findings of FCC-hired expert Dr. Martin Seiden.

The National Community Antenna Television Association of
ON CAPITOL HILL

FCC Caught in Capitol Hill Crunch

CATV Washington Bureau—One thing that all the rival factions of America's gigantic communications industry can agree on is that the new fees proposed by the FCC are, not to mix a metaphor, too high and hit below the belt. The mounds of critical filings that have poured into the Commission normally would be enough to make even the staunchest bureaucrat quake. But the FCC isn't really the chief opponent that communicators face in the battle. That role is reserved for Capitol Hill.

Ridiculously Low

The Commission has had as its chief gripe for a number of years the reality that its budget is ridiculously low—less than $20,000,000 annually until recently. Every year, the same process would be repeated. The Commission, under the direction of the Chairman, would draw up and approve a budget, after attempting to pare all non-essentials. Even in this initially ideal form, the proposed budget would be too small to accomplish the duties of the FCC, at least in the opinion of many close observers of the Commission. Following normal government channels, the FCC would ship its dollars-and-cents proposals to the Bureau of the Budget, a White House arm that coordinates the preparation of the entire federal budget every year. Traditionally, the Budget Bureau trims the FCC's recommendations, and as loyal members of the federal structure, the Commissioners try not to cry. The reduced figure is sent to Congress for approval.

There, however, the recommended figure is always sliced further by the House, the Senate boosts it somewhat, though not back to the White House projection, and a final compromise is made to arrive at the ultimate FCC budget. Obviously, if the initial Commission budget request is kept at a minimum with any attempt at good faith, the eventual figures ground out by the government mill are far too skimpy for effective regulation.

In the course of slicing the FCC's budget, Congress has also pushed very hard for the FCC to begin to pay its own way. Until just a few years ago, the FCC charged no filing fees at all. Budget-conscious Congressmen kept asking why the Commission didn't make the users of the nation's communications systems pay for the privileges they enjoy. The FCC wants a budget of almost $25,000,000 for the fiscal year that begins July 1. And it has a chance of reaching about that level if it begins its new schedule of fees and annual charges. All industry charges, said the FCC, were based on proportionate payment for Commission regulatory expenses.

NCTA Fights Fees

NCTA, therefore, in its latest action, was wise to attack not the philosophy of fee charges, but the CATV portion of them planned by the FCC. Too many legislators on Capitol Hill might get grumpy if NCTA pushed an argument that the cable industry should be charged nothing at all. Cable fees, including an annual payment of thirty cents per subscriber, are pro-rated by the Commission as using up $1,145,000 of the FCC's budget, and NCTA computes the figure—after having been denied Commission background data—at about $809,000. NCTA said the charges planned are "neither uniform, fair, nor equitable when compared with those imposed on other industries."
Maine Firm Plans $1 Million Program

Paul M. Hancock, president of Cable Vision, Inc., has announced a $1 million, 3-year construction program for the CATV systems serving Lewiston and Auburn, Maine. At present, 22 miles of plant pass 6,500 homes. In three years, 140 miles of plant will be built, reaching more than 22,000 homes in the two cities.

Hancock's plans include local origination in color as well as black and white with programming directed toward various ethnic and age groups in the community. Local live and film programming is scheduled.

Two color cameras, projectors and related studio equipment have already been planned. Initially it is planned to fill 12 channels with local origination. For example, it is possible, TM officials pointed out, to program a single show with audio in both French and English.

In addition, HTV Systems' two-way capability amplifiers will be installed in the system, making the Lewiston-Auburn complex the largest two-way system in the U.S., according to Hancock.

TM Signs Contract For Two Florida Systems

TM Communications Co., MSO subsidiary of Times Mirror with cable interests in Florida, California and New York, has signed an $84,000 contract with Scientific-Atlanta for equipment to build systems in Volusia County and Haines City, Florida.

In addition to building two towers, complete head-end operations will be also be constructed as part of the contracts, according to Vernon Gill, TM president. These will be the first two systems turned on in Florida by TM.

The facility to be provided by Scientific-Atlanta will include the tower, the antennas and a head-end capable of being expanded for a proposed microwave system.

On hand for the contract signing in Deland, Fla., were Scientific-Atlanta officials, executive vice-president Jack Kelly, marketing manager Richard Walters, southeastern sales representative Benton Forrester and engineers Blair Weston and Ken Leddick. Representing TM were president Vernon Gill, marketing vice president Michael Korbitz and general counsel Tony Souvignier.

Construction Summary

EAST. Cable Vision, Inc. plans $1 million construction program for 140-mile system to serve Auburn and Lewiston, Maine. Installation of Jefferson Cablevision's 12 video channel system for Adams and Adams Center, N.Y. under way... WJJB Cable Vision constructing 44 miles additional plant to 300-mile system serving Greensburg, Pa.... Construction completed on 160-foot tower for Meadville (Pa.) Master Antenna to replace previous 90-foot tower... Video Link Cable Service plans to have Point Marion, Pa. system operational by fall.

MIDWEST. Hartford City (Ind.) Cable TV hook-ups under way... Wheeling Antenna Co. construction begun in St. Clairsville and Richland Township, Ohio... Transwestern Video, Inc. adds NET Channel 11 to five video channel Poteau, Okla. system.

SOUTH. TM Communications Co. awards contracts to Scientific-Atlanta, Inc. for construction of towers and head-ends for Haines City and Volusia County, Fla. systems... Hopkinsville (Tenn.) Cable TV's franchise fee has been increased to two percent of its gross receipts from a previous one percent... Jackson County CATV System, Inc. construction under way in Ravenswood, W.Va.

WEST. Cable-Com General Grand opening of 12 video channel system in Albany, Calif. held... Sunnyvale, Calif. Cable Television hook-ups of 24-channel system under way... Sweet Home (Ore.) TV Cable Co. adds Channel 3, Salem.
There's more gold in them thar hills.

You've gone to a lot of expense and effort to provide your TV picture-improving service. Wouldn't you like to put that time and money into improving your own profit picture at the same time? You can do it, with film.

Film can put all those extra channels in your cables to work. Film can get you local advertising money. Film produced locally can make you a program originator (which will make the FCC happy). Film can make you money. Film can get you more subscribers.

There are lots of companies ready to sell you top-notch filmed entertainment—full-length feature movies, television series, documentaries, travelogues, sports, and many more. Then you'll need a 16mm TV projector, a slide projector, a multiplexer, and a small television camera. Space? It will fit into a closet. Cost? Not as much as you'd think.

Sound good to you? Then sound out one of the Kodak offices listed below for all the dollars-and-cents information you'll need to know.

EASTMAN KODAK COMPANY
When You Go Underground
GO WITH UNDERGROUND

FORTY YEARS EXPERIENCE IN UNDERGROUND CONDUIT, CABLE AND STRUCTURE INSTALLATION

When You Go Underground

president J. Patrick Michaels, vice president Buddy Dykes and Volusia County operations director Bill Roberts.

City and county officials were also on hand to witness the first steps toward CATV for the area. The Volusia County system will serve DeLand, BeBary, Deltona and Enterprise. The Haines City system will serve Davenport, Dundee and Haines City.

Also on TM’s drafting board are plans for a Mid-Florida CATV Network which would link the firm’s systems across the state for regional and state local origination programming specials. The firm at present holds franchises for Winter Garden, southern Lake County, Clermont, St. Cloud and Hillsborough County, and applications are pending in other Florida communities.

CATVer Sims To Receive Horatio Alger Award

Riley V. Sims, chairman of the board of Burnup & Sims, CATV firm, is one of ten men who will receive the 1970 Horatio Alger Award next month.

The award, given by American Schools & Colleges Association, honors Americans who have overcome handicaps and poverty to win fame and fortune. Sims, who grew up in poverty, formed a home-building partnership with Russell J. Burnup in 1929. From that base, they diversified their business and entered such fields as communications.

The company to date has installed more than 60 CATV systems in the United States, and last year’s corporate revenues from all enterprises exceeded $17 million.

Previous recipients of the award include former U.S. presidents Dwight Eisenhower and Herbert Hoover.

ATC Adds Hinds County To List of Systems

Capitol Cablevision, Inc., subsidiary of Denver-based MSO American Television and Communications, has won a franchise for Hinds County, Mississippi. This complements the franchise recently awarded to ATC for Jackson, Mississippi—the state capital and Hinds County seat.

Outside of Jackson, ATC estimates the county has a population of over 50,000; the capital itself has a population of approximately 160,000.

At present, ATC, the fourth largest publicly owned MSO, serves over 120,000 subscribers through its wholly owned systems.

Franchise Summary

EAST. Cablevision of Revere, a subsidiary of Colonial Cablevision Corp., wins Revere, Mass. franchise...

Dover, N.J. grants franchise to Samuel Kravetz... Frenchtown, Pa. awards franchise to D.J. Cable Co., Inc... Washington Cable Co. wins 10-year franchise for Glen Gardner, Pa. with franchise fee of five percent of $100... Mercersburg, Pa. franchise to Alleman Cable Co., an affiliate of American Tele-Systems, Inc... Ross Brothers Cable Co., Inc. wins Redstone Township, Pa. franchise.

MIDWEST. Bay City, Mich. awards its third franchise to Lamb Communications Co... Midland, Mich. franchise to Gerity Broadcasting Co. Canterbury Cablevision gains non-exclusive. 10-year, Upper Arlington, Ohio franchise... Redfield, S.D. franchise to TV Signal Co.

SOUTH. Statesboro, Ga. franchise to Statesboro CATV, Inc... St. Michaels, Md. franchise to TV Cable Corp. with franchise fee of two percent... Hinds County, Miss. franchise to Capitol Cablevision, Inc., a subsidiary of American Television & Communications Corp... R.H. Tyler Co. wins Olney, Tex. franchise.

WEST. Sisters, Ore. franchise to Tek-Video of Eugene... Shelton, Wash. franchise to Leroy Robbins.

Page 14 CATV—May 4, 1970
Get it all together

And TeleMation's got it all—from the industry's best selling camera to the most complete and sophisticated television production systems. And everything in between.

For instance, video production and distribution switchers, optical multiplexing systems, 14 models of synchronizing generators, and a complete line of video test equipment.

Only TeleMation gives you one source for complete systems capability. We've put together advanced concepts, IC/MSI/LSI technology, precision manufacturing, product availability and a distribution organization to give you the finest engineering, design and service in the business.

These are just a few reasons for our remarkable growth and ever increasing list of satisfied customers.

Talk to TeleMation.
Alumifoam® was our most recent state-of-the-art breakthrough in CATV cable. Its low-loss seamless aluminum-tube sheathed lengths of up to \( \frac{1}{2} \) mile made believers out of everyone in the business. Then came Dynafoam—trunk and feeder cable with a revolutionary polystyrene foam dielectric that meant lighter weight, lower attenuation and 20% greater amplifier spacing.

For both Alumifoam and Dynafoam, we guarantee 30 db return losses, thus creating another standard for the CATV industry.

We'll also show you how Dynafoam can save you 20% of every db dollar you spend per mile of cascade...and that translates into 2 extra miles for every 10 you install!

Whether you "bet" on Times' Alumifoam or on Times' Dynafoam, in this arena you come away the winner. The choice of which is best for you is yours to make—we at Times Wire & Cable feel we owe it to you to offer this choice.
TelePrompTer Shifts Field Personnel; Names New Purchasing Agent, Engineer

R.H. Symons, vice president in charge of TelePrompTer Corporation's CATV Division, has announced several appointments at headquarters and in the field. Raymond Gensinger is now purchasing agent for the firm's 21 cable systems. Gensinger, who majored in electric technology at the State University of New York in Farmingdale, was most recently purchasing director of Garrett Electronics & Cable Corp., Farmingdale, N.Y.

According to Symons, Gensinger's appointment will now free Claire Feldman, administrative control, to devote more time to the administrative matters which have increased with the growth of TPT's systems.

Gerald Goldman has been promoted to the position of systems engineer for the CATV Division. Goldman, who joined TPT in 1959, left in 1963 for positions with Sylvania and GT&E International. He returned to the firm last fall as assistant to senior vice president H.J. Schlafly.

In his new position, Goldman will be responsible for a number of corporate administrative areas including direct technical assistance to cable systems, establishment of quality standards for equipment and system operation, and training of technical personnel. He is a graduate of the State University of New York.

Ralph Hillard, former manager of TPT's Farmington, N.M., cable system, has been transferred to Florida to become an assistant to vice president R.H. Symons. Replacing Hillard as the Farmington manager is James Harper, who has been manager of the firm's system in Rawlins, Wyo. New manager in Rawlins is Perry Nash, moving up from chief technician in Silver City, N.M.

Lukkarila Promoted To Engineer Manager

Cal-Tel Construction Co., has announced the promotion of Bruce Lukkarila to the position of engineer manager. As head of Cal-Tel's engineering department, he will be responsible for strand mapping, system design, alignment of electronics and proof of performance.

He was formerly with Bakersfield (Calif.) Cable TV where he was in charge of engineering and construction. He also spent several years as engineer and chief technician for Mission Cable TV which is located in El Cajon and San Diego, Calif.

Decatur Plant Manager Named by Essex Division

A 14-year veteran of the wire and cable industry has been appointed plant manager of the Essex International, Inc. Communications CATV Division facility in Decatur. Joseph H. Pascual was moved to plant manager from his former position as manager of production and inventory control.

He joined Essex in March, 1966, after having been associated with Anaconda Wire and Cable for 10 years.

Personalities on the Move

James C. Gillis is new president of Educating Systems, Inc... Robert E. Riddle named manager, marketing administration for International Video Corp... National CATV Program Library, Inc. has named Donald W. Kilbrith vice president, marketing.

TelePrompTer appoints: Raymond Gensinger, purchasing agent; Gerald Goldman, systems engineer; Ralph Hillard, assistant to vice president R.H. Symons; James Harper, manager at Farmington, N. Mex.; Perry Nash, manager Rawlins, Wyo.; Tom Hopping, manager Boynton Beach and Lake Worth, Fla.; and Bill Wagner, manager of Los Gatos, Calif.

CBS, EVR Division appoints Raymond D. Griffiths director, western regional sales... Joseph J. Pascual, plant manager of the Essex plant in Decatur.

Cal-Tel Construction Co. names Bruce Lukkarila engineer manager... William A. Baker new director of closed circuit television for KR Graphics, Inc., a subsidiary of King Resources Co....

Commercial Electronics, Inc. appoints Robert M. Collins regional sales manager... Nation Wide Cablevision, Inc. (subsidiary of Kaufman and Broad) puts John W. Nicklaus in charge of systems serving Belmont, San Carlos, Redwood City and Woodside, Calif. . . .

Glenn Watson elected president of Downsville (N.Y.) Community Antenna System... Robert N. "Pete" Stanley, manager of G'TEC's Bartow and Lake Wales, Fla. systems... Television Cable Co. promotes T.C. Rownd, Jr. to director of planning and development for Myrtle Beach, S.C. system.
### Industry Stocks

<table>
<thead>
<tr>
<th>Stock</th>
<th>Stock Exchange</th>
<th>This Week</th>
<th>Last Week</th>
<th>Year High</th>
<th>Year Low</th>
<th>Shares Outstanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ameco</td>
<td>AM</td>
<td>4 7/8</td>
<td>5 3/8</td>
<td>16 1/8</td>
<td>4 7/8</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Amer Elec Labs</td>
<td>OTC</td>
<td>5 1/2</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>1,516,432</td>
</tr>
<tr>
<td>Amer, TV &amp; Comm.</td>
<td>OTC</td>
<td>17 1/2</td>
<td>17 1/2</td>
<td>23 1/2</td>
<td>17 1/2</td>
<td>1,775,101</td>
</tr>
<tr>
<td>Avnet</td>
<td>NY</td>
<td>8 3/4</td>
<td>8 3/4</td>
<td>20 1/8</td>
<td>8 3/4</td>
<td>9,909,054</td>
</tr>
<tr>
<td>Burnup &amp; Sims</td>
<td>OTC</td>
<td>18 3/4</td>
<td>20 1/8</td>
<td>32 1/4</td>
<td>12 1/4</td>
<td>585,954</td>
</tr>
<tr>
<td>Cable Info Systems</td>
<td>OTC</td>
<td>2 1/2</td>
<td>2</td>
<td>4 5/8</td>
<td>2</td>
<td>995,000</td>
</tr>
<tr>
<td>Cablecom General</td>
<td>AM</td>
<td>8 1/2</td>
<td>7 1/2</td>
<td>7 1/2</td>
<td>7 1/2</td>
<td>1,605,000</td>
</tr>
<tr>
<td>Citizens Fin. Corp.</td>
<td>AM</td>
<td>11 1/2</td>
<td>12 1/2</td>
<td>17 7/8</td>
<td>11 7/8</td>
<td>994,689</td>
</tr>
<tr>
<td>Columbia Cable</td>
<td>OTC</td>
<td>11 1/4</td>
<td>13</td>
<td>16 1/2</td>
<td>9</td>
<td>876,000</td>
</tr>
<tr>
<td>Comm, Properties</td>
<td>OTC</td>
<td>8 1/8</td>
<td>8 1/8</td>
<td>10 1/2</td>
<td>4 1/2</td>
<td>644,621</td>
</tr>
<tr>
<td>Cornelia Corp.</td>
<td>OTC</td>
<td>1/4</td>
<td>3/8</td>
<td>4 1/4</td>
<td>3/8</td>
<td>890,000</td>
</tr>
<tr>
<td>Cox Cable Comm.</td>
<td>OTC</td>
<td>15 1/2</td>
<td>18</td>
<td>25 1/4</td>
<td>13</td>
<td>3,550,000</td>
</tr>
<tr>
<td>Cypress Comm.</td>
<td>OTC</td>
<td>11 1/4</td>
<td>14 1/4</td>
<td>19 1/4</td>
<td>10</td>
<td>839,000</td>
</tr>
<tr>
<td>Entron</td>
<td>AM</td>
<td>4 1/2</td>
<td>3 7/8</td>
<td>7 5/8</td>
<td>2 1/8</td>
<td>1,325,904</td>
</tr>
<tr>
<td>Famous Players Ltd.</td>
<td>C</td>
<td>10 1/4</td>
<td>10 3/4</td>
<td>17 3/4</td>
<td>10 1/4</td>
<td>6,946,000</td>
</tr>
<tr>
<td>General Inst.</td>
<td>NY</td>
<td>17 1/4</td>
<td>15 1/2</td>
<td>41</td>
<td>15 1/2</td>
<td>6,026,000</td>
</tr>
<tr>
<td>Gulf &amp; Western</td>
<td>NY</td>
<td>13 7/8</td>
<td>14 3/4</td>
<td>32 1/2</td>
<td>14 3/4</td>
<td>15,120,860</td>
</tr>
<tr>
<td>H &amp; B Amer.</td>
<td>AM</td>
<td>17 1/2</td>
<td>16 3/8</td>
<td>28 1/2</td>
<td>13 5/8</td>
<td>4,972,589</td>
</tr>
<tr>
<td>Kaufman &amp; Broad Inc.</td>
<td>NY</td>
<td>35</td>
<td>34 1/2</td>
<td>52 5/8</td>
<td>29 1/2</td>
<td>3,900,909</td>
</tr>
<tr>
<td>Lamb Comm, Inc.</td>
<td>OTC</td>
<td>4 1/2</td>
<td>4 1/2</td>
<td>10 1/4</td>
<td>3 1/4</td>
<td>2,468,284</td>
</tr>
<tr>
<td>LVO Corp.</td>
<td>NY</td>
<td>5 1/2</td>
<td>5 1/4</td>
<td>12 3/8</td>
<td>5 1/4</td>
<td>5,692,078</td>
</tr>
<tr>
<td>Reeves</td>
<td>AM</td>
<td>5 1/2</td>
<td>5 23 1/4</td>
<td>5</td>
<td>2,162,000</td>
<td></td>
</tr>
<tr>
<td>Scientific-Atlanta</td>
<td>AM</td>
<td>7 1/8</td>
<td>6 7/8</td>
<td>13 3/8</td>
<td>6 1/2</td>
<td>903,442</td>
</tr>
<tr>
<td>SKL</td>
<td>OTC</td>
<td>3 1/2</td>
<td>3 1/2</td>
<td>8 3/4</td>
<td>3 1/4</td>
<td>550,000</td>
</tr>
<tr>
<td>Sterling Comm.</td>
<td>OTC</td>
<td>4 4</td>
<td>10 3/4</td>
<td>4</td>
<td>450,000</td>
<td></td>
</tr>
<tr>
<td>Tele-Communications</td>
<td>OTC</td>
<td>1 11/16</td>
<td>12 1/4</td>
<td>16 1/11</td>
<td>14 1/11</td>
<td>2,254,472</td>
</tr>
<tr>
<td>TeleMation Inc.</td>
<td>OTC</td>
<td>12</td>
<td>14 3/4</td>
<td>30 1/2</td>
<td>12</td>
<td>1,086,735</td>
</tr>
<tr>
<td>TelePrompter</td>
<td>AM</td>
<td>68 1/4</td>
<td>60 1/4</td>
<td>129 3/4</td>
<td>46 3/4</td>
<td>1,006,000</td>
</tr>
<tr>
<td>TeleVision Comm.</td>
<td>OTC</td>
<td>8 1/4</td>
<td>11</td>
<td>20 1/2</td>
<td>8 1/4</td>
<td>2,645,046</td>
</tr>
<tr>
<td>Vikoa</td>
<td>AM</td>
<td>8 1/2</td>
<td>9 1/2</td>
<td>18 1/2</td>
<td>9 1/2</td>
<td>2,183,362</td>
</tr>
</tbody>
</table>

These are Wednesday closing prices supplied courtesy of Dempsey-Tegeler, S. James Horning, Consultant, AM = American Exchange; NY = New York Exchange; OTC = Over the Counter; C = Canadian Exchange.

---

**C-Cor Holds Line Against CATV Freeze**

James R. Palmer, president of C-Cor Electronics, Inc., State College, Pa., has announced a 43 percent increase in sales of equipment to the CATV industry for his firm during 1969. C-Cor’s overall sales declined to $2,009,685 from $2,430,019 in 1968, with the decline reported to be the result of C-Cor’s associated system operating company, Centre Video, Inc., being unable to obtain construction financing.

Palmer noted that although C-Cor’s operating profit dropped from $80,416 to $47,616, its gross margin increased from 26 percent to 31 percent during the year.

---

**When you plan your next visit to an art museum—come to Chicago’s Sherman House**

Downtown hotel turned cultural? Not quite, but we do have a great new work of art. Henri Araz did a sculpture for our lobby. And when he creates—he doesn’t kid around. We ended up—with a wall.

But not just any wall. Some people call it the Great Wall of Sherman House. Why not come see why? And while you’re there, stop in at any of our Nightspots—the College Inn, Well of the Sea, The Scuttlebutt, The Celtic and the Dome. So come to Sherman House for entertainment and fun. And we’ll throw in a little culture at no extra cost!

**Sherman House**

Randolph-Clark-LaSalle • Chicago 60601  
Reservations: (312) FR 2-2100
PRACTICAL TECH TRAINING
NCTI lesson materials are prepared by the top engineers and technicians in CATV. As a result, NCTI students get practical training as well as theory. (More than 600 men now enrolled.) Write for specific information on courses offered.

National Cable Television Institute
3022 N.W. Expressway
Suite 310, Dept. C4
Oklahoma City, Oklahoma 73112
An Affiliate of
Communications Publishing Corp.

AERIAL LADDER
We goofed, ordered deluxe line truck body with 30' electric-hydraulic ladder unit. Now construction postponed, can’t use it. It’s yours, brand new, completely equipped, factory-installed on your chassis for only $3,333. Reply to CATV Weekly, Dept. W370-3.

FOR SALE
1 1969 Ditch Witch Trencher V-30 used 6 months. Write Box 1131, Scottsbluff, Nebraska 69356.

SALES MANAGER
California system under construction, 5,000 potential, ready for pre-sale this fall, with organized door-to-door selling. Need man who has experience in this field, can plan and write promotional material for pamphlets, newspaper and radio and direct staff of his own selection. Owners of system are experienced and are marketing minded. If qualified, write fudsome, informative application, include photo to “California”, Box W570-1, c/o CATV Weekly. If it is interesting and promising, you will get prompt response, perhaps by phone, so include phone number and time of day or evening you can talk.

We seek a profit oriented candidate with a CATV and TV industry background who is capable of spearheading research, development, production, marketing, customer and inter-corporation relations. An executive leader who can manage and develop our new CATV products program to its full potential with sales, profits and ROI equaling or exceeding plans. That’s the “diamond” we’re seeking. A person with the same indestructible qualities and many-faceted capabilities of this valuable gem.

MANAGER CATV Products

This is a new position in a recently established department in this New York State based division of one of America’s major corporations.

You must offer a minimum of a BSEE (MBA or MSE desirable) in Electronics, Communications and Information Systems and Components. Requires at least 15 years’ experience in electronics industry with 10 years’ management responsibility in product development, systems and program management and 5 years closely involved in full operations and sales. Should have recent CATV and TV industry experience.

Starting salary will be fully commensurate with responsibilities involved.

Please send resume, including salary history, in complete confidence to: BOX W570-1

An Equal Opportunity Employer (m/f)

ADD A NET PROFIT TO YOUR SYSTEM

EQUAL TO YOUR PRESENT GROSS

If you have local origination or are planning to, let me show you an opportunity to improve your community image by doing the following:

- Help stop pollution
- Improve home safety
- Improve home economics
- Provide economic opportunity to those desiring
- Promote free enterprise

While generating a net profit per subscriber equal to your present gross.

V. J. Griffin
Distributor
403 Rainbow Forest
Lynchburg, Virginia 703/239-4281

JANSKY & BAILEY

BROADCAST—TV COMMUNICATIONS

Atlantic Research Corporation
Division of The Susquehanna Corporation
1812 K Street N.W.
Washington, D.C. 20006
Phone 202/296-6400

PRODUCTION MUSIC LIBRARY

for CATV Program Origination. 110 LP albums tailor-made for cable TV, $495. All copyrights and performances owned by us and will be granted under annual flat-fee agreement with us. Also a complete sound-effects library with 471 effects on 14 LPs for $63. Contact THOMAS J. VALENTINO, INC., for both free detailed catalogues.

150 West 46 Street
New York, N. Y. 10036
Phone: (212) 246-4675

CATV OWNERS

(over 1800 subscribers)

Combine your system with new national cable TV company. An unusually fine opportunity. Cash or stock.

For information call collect:
Leonard Krane, Pres. 213/553-5212
KCA Cable TV Industries, Inc.
1901 Avenue of the Stars
Century City
Los Angeles, California 90067
A quick scan of Frank Nowaczeck's career provides bold evidence that Frank has always known exactly what he’s about—whether confronting the complexities of national security or cable television.

Frank says that he more or less got into the CATV industry by an accident, but where he's gone since then has been no accident. In 1958 he was a partner in public relations and advertising agency Morris, Nowaczeck and Associates in Washington, D.C. His agency was called upon by NCTA to prepare the association's first professional newspaper ad mats for NCTA members. That same year he also headed up publicity for the annual NCTA Convention.

When NCTA's board of directors decided to add a second man to its then one-man staff (Ed Whitney), Frank threw his hat into the ring. He went on at NCTA to hold positions of Assistant to the President, Director of Research, and Acting Executive Director. Clearly, Frank had anticipated that the fledgling industry would need growing representation at a national level.

Frank, 39, is now on the staff of Blackburn & Co., media brokers based in Washington, D.C.—again a move in anticipation of big things to come. He visualizes more large public firms entering the field, as well as more operating emphasis on marketing and consumer selling.

His authority comes from first hand CATV experience. Before joining Blackburn, Frank was assistant to the President at TeleSystems Corp., then part-owner of Newport Cablevision, Inc. in Vermont. He has served as President and Director of the Pennsylvania CATV Association, and is a member of the American Management Association, IEEE, and is an associate of the Relay Society of Great Britain.

Born in Brooklyn, New York, Frank was graduated from Cornell University with a B.S. in Hotel Administration. He also attended Saint Lawrence University in undergraduate studies and went to American University and George Washington University for graduate work in Political Science and Public Relations. He spent 6 years in the field of Counter Intelligence work—two with the U.S. Army and over four as a civilian.

Frank Nowaczeck was a prominent man in cable television in the days when there were few prominet people around. Today he is on the move scouting the American marketplace and helping to shape the industry to accommodate many more prominent people.
We designed the model 1400 as an economical directional tap (housing with thru-line, tap attenuator module, splitter plate) to enable installation of the housing only during construction and later adding the tap attenuator and splitter plate ... without interrupting service.

craftsman
Aerial Foam-Filled Directional Tap

For more information . . . call collect:
New York, N.Y. (212) 943-5793; Hoboken, N.J. (201) 656-2020;
Englewood, Colo. (303) 761-3070; Bellevue, Wash. (206) 454-1446;
Garland, Tex. (214) 276-1181; Torrance, Calif. (213) 371-7543;
Memphis, Tenn. (901) 274-0032; Montreal, Canada (514) 739-4477
See VIKOA, Inc. at the NCTA Convention
Private Dining Room 18 Palmer House, Chicago, Ill.