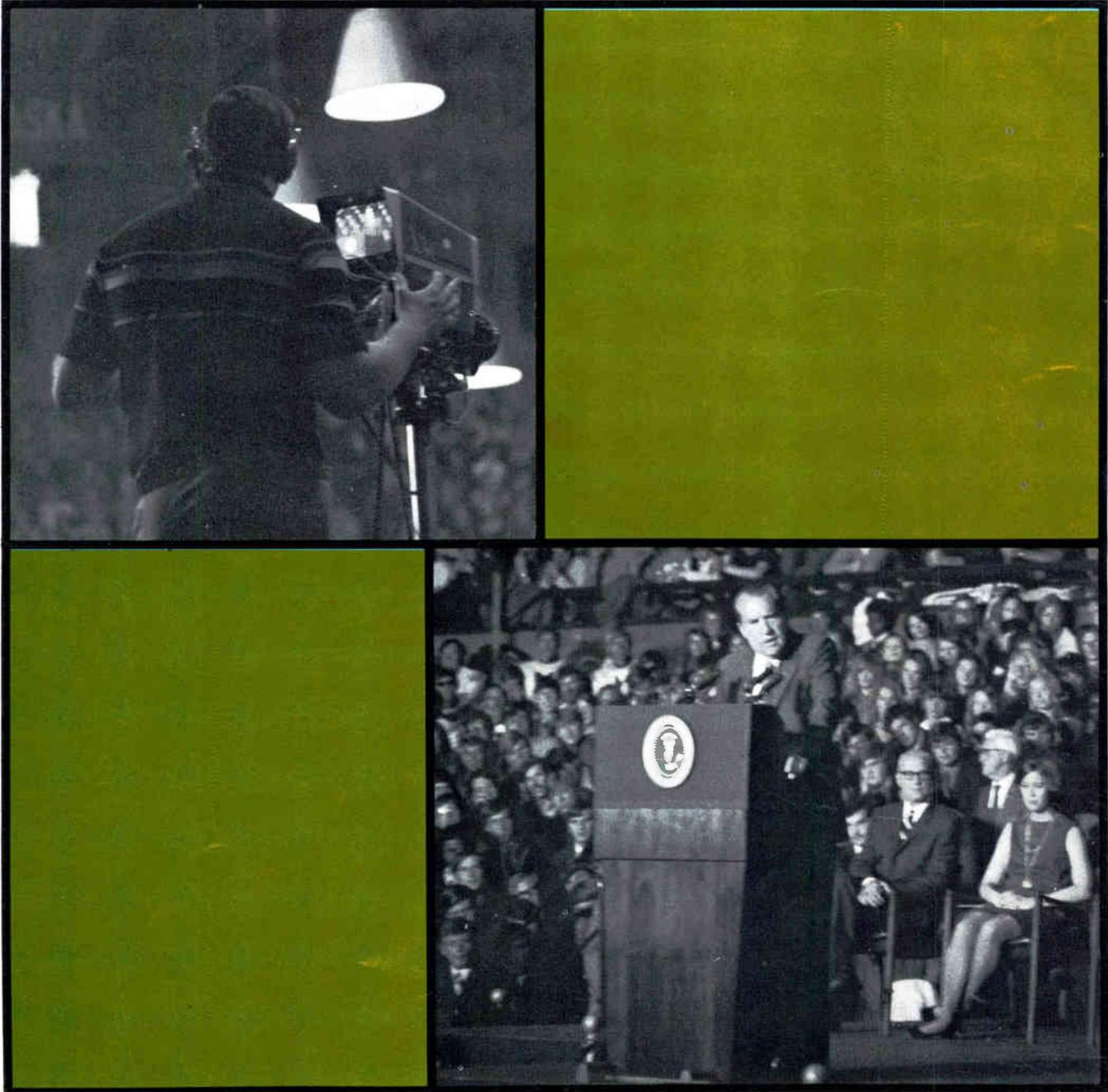


CATV
Newsweekly of Cable Television



February 1, 1971



New Jerrold "sleep saver" sweeps CATV without interrupting subscriber service

Ever sweep your system in the middle of the night only to find you have a lot of night owls for subscribers? Ever wonder how to save on high overtime rate for technicians? Or how to sweep your system in prime time without getting a single complaint?

The new Jerrold "sleep-saver"—a simultaneous sweep system that performs its function in only two milliseconds — provides all the answers. Subscribers won't even know that the system has been

swept during a favorite program.

A Simultaneous Sweep Transmitter at the head-end and a Simultaneous Sweep Receiver in a service truck make up the system. The transmitter inserts the sweep at intervals determined by the setting of its sweep driver, which also controls sweep duration. The receiver consists of an rf attenuator (62.5 dB attenuation), a 45-dB post amplifier, and a special detector/slope trigger circuit. The "sleep saver" system can be used with

any good storage oscilloscope.

For more details on the sweep system that lets your technicians go to bed early—and gives your payroll a rest—see your Jerrold CATV salesman. Write or phone the Jerrold Regional Office nearest you.



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Schildhouse Named Bureau Chief; Torbet Replaces Paglin at Commission

FCC changes roster; names Sol Schildhouse CATV Bureau Chief, shifts Max Paglin to make room for John Torbet as Executive Director.

Sol Schildhouse, acting head of the Cable Television Bureau and former chief of the CATV Task Force at the FCC, has been formally appointed Cable Television Bureau Chief by the Commission.



Sol Schildhouse

His appointment followed by only a few days another top-level FCC title change. Max D. Paglin was shifted from his position as Executive Director to Special Assistant for Administrative Procedure, and John M. Torbet was brought in as the new Executive Director.

Schildhouse joined the Commission in 1948 and has served as a hearing examiner, head of the Office of Opinions and Review, Chief of the Renewal and TV Applications branches of the Broadcast Bureau and legal assistant to the late Commissioner Frieda Hennock.

Allen Cordon, former legal assistant to Commissioner Kenneth A. Cox was named Deputy Chief of the CATV

Bureau. He joined the Bureau about a year ago when it was first formed in what was considered to be a political trade-off—Cox' *(Continued on page 6)*

Commission Authorizes Experiment Of Commercial Substitution Plan

Bucks County Cable TV, Inc. to try commercial substitution on Pennsylvania system; FCC grants permission for New York signals.

The FCC has authorized an experiment in Pennsylvania which will not only test its "commercial substitution" plan but may save the life of Bucks County Cable TV.

Under the decision, Bucks County may resume carriage of four distant-signal New York City independents—and will substitute the commercials of local television stations for those of the New York stations.

Last fall, the Commission ordered Bucks County to drop the four signals. As a result, said the system, it has lost "over \$200,000" and would be unable to continue operating unless the signals were restored.

Taking the opportunity to test a controversial aspect of its proposed CATV rules, the FCC restored the signals on condition that Bucks County substitute the commercials of Philadelphia UHF stations WPHL-TV and WTAJ-TV for the New York commercials. In

addition, the CATV system must bear the entire cost of the commercial switching and must pro- *(Continued on page 6)*

IMPORTANT LATE NEWS
See Page 14

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An interview with Federal Communications Commissioner Robert Bartley. This is the first in a series of CATV interviews with the Commissioners.	
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We can now deliver and install a complete color studio for you at an amazingly low cost.

You get a versatile, broadcast quality studio: the new IVC COLORCASTER III studio package capable of live, videotape, slide or film programming. You'll own all the equipment necessary for television commercial and program production in color.

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The COLORCASTER III package includes two IVC-90 color cameras—one studio and one filmchain. These are the most widely used low-cost color cameras in television today. Another major item is the new IVC-870 color videotape recorder, with assemble and insert editing. Also included are the: audio and video consoles, multiplexer, slide projector, film projector, switcher with special effects, and a studio lighting kit plus the sync generator, distribution amplifiers, intercom, cabling, and all other items necessary to give you a totally complete package. Every component has been pre-selected for your optimum operating efficiency. Home viewers will see color pictures on your cable channel that match the quality of the network channels on your system.

The COLORCASTER III package sells for \$47,900. If this combination doesn't suit your needs, ask us about other available studio packages.

Why an IVC System?

Owning an IVC system provides you with three forms of insurance: (1) Insurance against incompatibility—all equipment has been engineered to work together. (2) Insurance against malfunction—an IVC cable television studio is designed for upgrading, expansion, or re-configuration to suit your future needs.

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You provide the location—IVC will handle all details of system planning, installation, set-up and training. Our experienced personnel are part of the package, with systems know-how that parallels the proven performance of IVC equipment.

IVC is a pioneer in the installation of cameras, recorders and complete color systems in CATV. IVC has supplied the cable television industry with more color recorders and cameras than any other manufacturer.

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WE MAKE IT BETTER.**



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approval of the new bureau with "pro-CATV" Schildhouse at the head in return for the Commissioner's own man in the second slot.

John M. Torbet, who takes over as the FCC Executive Director, comes to Washington from the U.S. Air Force Academy where he was Deputy Chief of Staff for Materiel. He retired from the Air Force seven months ago with the rank of colonel.

He was commissioned in the Marine Corps in 1942 where he served until 1946. He returned to active service with the Air Force in 1951.

Torbet's appointment may be the result of some political pressure brought to bear on FCC Chairman Dean Burch by the Republican party. Burch, who is a Goldwater-Republican, has not been particularly quick to name party people to top jobs at the FCC. Torbet, a Republican, replaces Democrat Max Paglin.

Paglin has served for many years at the Commission. He started as Commissioner Robert Bartley's legal assistant and was FCC General Counsel when the Commission first took jurisdiction over CATV.

Bucks County Experiment

(Continued from Page 3.)

vide written progress reports every 30 days to the Cable Television Bureau.

No more than 2,200 subscribers may be provided with service during the experiment which is authorized to run until 12 p.m. January 1, 1972, said the FCC.

The experiment will test the practicality of the FCC's proposed rule which would permit all cable systems in top-100 markets to carry four distant independent signals on condition that they delete the distant commercials and substitute local station commercials.

Sources close to the Commission say that the Bucks County experiment does not necessarily mean that the FCC is committed to its "commercial substitution" plan nor that formulation of new

OUR COVER

Fully equipped with a quarter million dollars worth of local origination gear, TV Transmission, Inc., the cable system in Lincoln, Nebraska, was all prepared when they heard President Nixon planned a mid-January speech in Lincoln. With just four days to prepare, they got full security clearance and had three cameras ready to bring the President's speech to their 6,000 subscribers. The Secret Service team with the President said it was the first time Nixon had been covered live by a CATV system. Jeff McCullough is the TV Transmission cameraman shown on our cover. The Lincoln system carries 8 channels "that anyone in the area can pick up with a wet noodle," according to Conrad Bastow, general manager. Three channels contain local origination programming... and provide the marketing motivation for subscriber sales in Lincoln.

CATV rules would be delayed until the experiment runs out in 1972.

In giving Bucks County the go-ahead, the Commission stressed that this situation is unique and that other similar waivers are not contemplated.

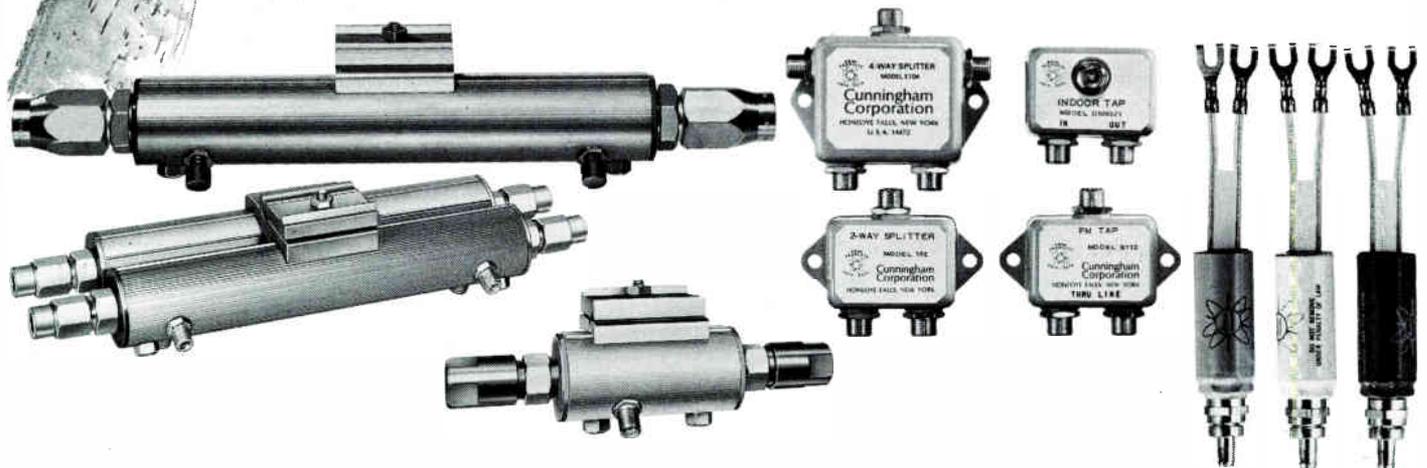
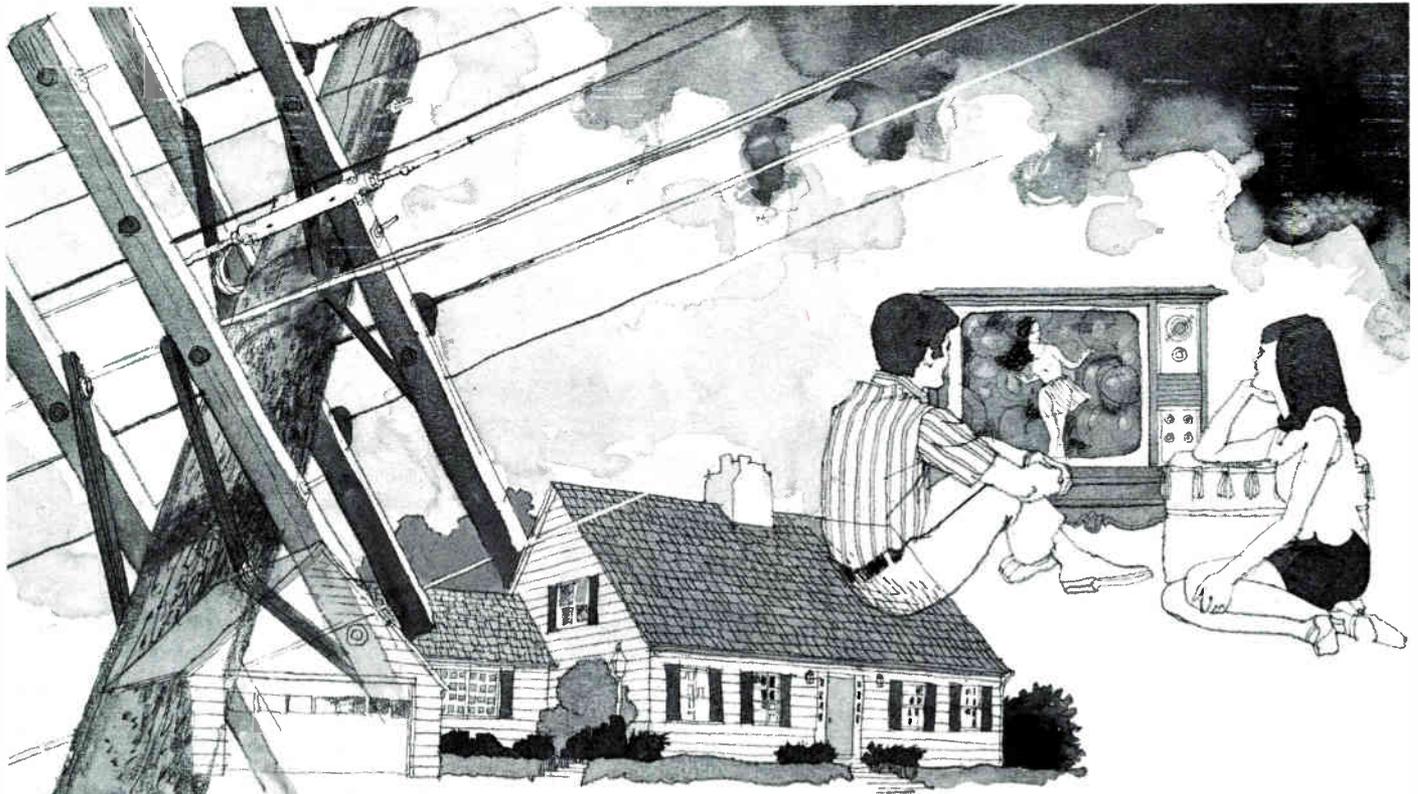
Action was by the Commission, Commissioners Burch, Robert E. Lee and H. Rex Lee; Commissioner Bartley concurring; Commissioners Johnson and Wells dissenting; and Commissioner Houser not participating.

Cable Chiefs Meet During Cable TV Week

Among the highlights of Cable Television Week in Washington will be a two-day meeting of state and regional CATV association presidents and a reception for cable people and the FCC.

The association presidents are meeting as a group for the first time in a "workshop" atmosphere to discuss common problems.

On Thursday, February 11, the national association is hosting a



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That's right. We said IMMEDIATE DELIVERY. Because the complete Aqua line of CATV devices is now being manufactured and stocked by Cunningham Corporation . . . for over 16 years a leader in the design and manufacture of audio-video switching devices. It was only a matter of time before Cunningham entered the fast growing CATV field . . . because these products dovetail so beautifully with our own line of switching products. And we couldn't have picked a better line than Aqua . . . a line that has been proven

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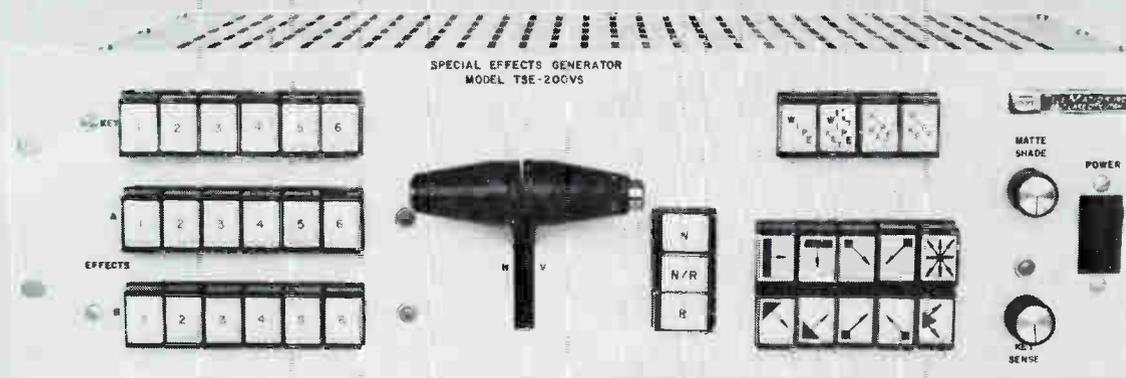
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Washington's new Hotel. Representative CATV groups country have been at the FCC Commission Bureau staff and vision people.

an Request n Waivers

em operators serving 5,000 but less than subscribers can avoid origination by filing a waiver of the cable-

to public benefit in to CATV systems in al origination," the accordingly, if CATV ch fewer than 10,000 request *ad hoc* waivers, they will not be originate pending their waiver requests." mission established the edure in response to n cable interests who t origination costs rohibitive for many riber systems.

to a study filed by ia Community Tele- ciation and NCTA, ment cost for origina- run at the \$38,000 nual operating costs t \$43,000.

on waiver requests, the Commission will on the operator's owing. Every request "must contain suffi- ation for the Commis- ge the net effect of gination cost on the he CATV system to riber systems."

requests *must* include g data: (1) complete erating statements for hree years, including t entries for all major d identification of the ded as expenses but he principals; (2) a of the depreciation computation method; y balance sheet as of ng of the three-year as of the end of each

of the three years; (4) average number of subscribers connected to the system and homes passed during each of the three years; (5) cable miles planned in the franchised area; (6) estimated capital and operating costs for origination.

The FCC said that systems serving over 10,000 subscribers may also request a waiver. These systems, however, will *not* be excused from cablecasting until and unless the Commission acts favorably on the request.

Five "Top 100" Systems To Carry Distant Signals

Half a dozen systems—five of them located in Top 100 mar-

kets—have been authorized to carry distant signals as the FCC continues to process waiver applications under the Interim Rules.

In Oklahoma, Bartlesville Video Inc. has been granted permission to carry 11 distant signals from Arkansas, Missouri, Texas and Oklahoma in addition to the local signals. Although the systems in Bartlesville and Dewey are located within the predicted Grade A contours of Tulsa, Oklahoma stations (which is ranked 58 by the ARB), the CATV communities fall outside the 35-mile zone of any television station.

Tulsa's KTUL-TV and KOTV opposed the Bartlesville petition, but the FCC overruled any objections. A unanimous Commission agreed the importation would not retard UHF development in either Tulsa or Bartlesville.

Akron Manager Cited for Outstanding Leadership



Alfred R. Stern (right), president of TeleVision Communications Corporation (TVC), presents TVC's 1970 President's Award to Robert Felder, manager of the company's Akron CableVision, the country's largest CATV system now under construction in Akron, Ohio.

Felder, cited for his "outstanding leadership and significant contribution to the growth of the company," was honored for the "tremendous strides made in developing the staff and coordinating all aspects of construction and operation of this vast project." In addition to the plaque, Felder received an all-expense-paid, one week vacation in Puerto Rico for himself, his wife Marsha, and their two sons.

The system's carriage of network stations from Oklahoma City would leapfrog the closer Hutchinson-Wichita, Kansas stations. However, the FCC noted that leapfrogging is permitted where "the community of the more distant station is located in the same state." In addition, it was felt that subscribers would benefit from the opportunity to view stations located at the state capitol.

See-Mor Cable TV systems in New Madrid, Lilbourn and Marston, Missouri, will be permitted to carry 8 distant signals once they are in operation. The communities fall within the Grade A contours of stations in the 80th ARB market of Cape Girardeau-Paducah-Harrisburg. But again, they fall outside the 35-mile zone of any television station or permittee.

The Commission noted that no leapfrogging was involved in the proposed carriage and that the importation should have little adverse impact on local operating stations or UHF development.

See-Mor's request was opposed by Paducah Newspapers, Inc., licensee of station WPSD-TV in Paducah, Kentucky.

Distant network signals were prohibited, but distant independent and ETVs okayed for International Telemeter's proposed cable system in Springfield, Missouri. The FCC said International could carry either independent KCIT-TV or KBMA-TV from Kansas City as well as two in-state ETV stations—KECT from St. Louis and KCSD-TV from Kansas City.

Midland Television Corp., licensee of UHF station KMTC in Springfield, opposed the distant signal authorization. The Commission told Midland that it does not expect substantial adverse impact on UHF. "The interim processing procedures and proposed 35-mile zone," said the FCC, "will preserve the essential area for operating stations and avoid the possibility of substantial cumulative impact."

The station designations authorized to be carried as distant signals

Comments Delayed; Hearings Scheduled

Reply comments on the FCC's CATV rules will be due February 10 instead of February 1, according to the Commission. The FCC granted the extension requested by AMST, NAB, ACTS and American Broadcasting Company.

The extension, however, is not expected to delay hearings on the proposed rules. Tentative date set for the hearings is March 11.

In extending the comment filing time, the Commission said other CATV dockets—MSO limits, federal-state relationships and technical standards—are so closely related that it is desirable to maintain the same filing dates in all proceedings.

are: for the Bartlesville-Dewey systems, KUHL-TV, KODE-TV, Joplin, Missouri; KOAM-TV, Pittsburg, Kansas; KOCO-TV, KWTW, WKY-TV and KPLR (C.P.), Oklahoma City; KGTO-TV, Fayetteville, Arkansas; KCIT-TV, Kansas City, Missouri; and KFWT, Ft. Worth, Texas. For the New Madrid-Lilbourn-Marston proposed systems, WDXR-TV, Paducah, Kentucky; WKMU, Murray, Kentucky; WHBQ-TV, WMC-TV and WREC-TV, Jackson, Tennessee; KAIT-TV, Jonesboro, Arkansas and KPOB-TV, Poplar Bluff, Missouri.

FCC Proposes Standard Program Logging Rules

Looking toward the fast-arriving day of mandatory CATV originations, the FCC has proposed rules requiring standardized program logging of cablecasts.

The impact of the proposed rule, of course, depends in part on how many system operators actually are forced to originate (see separate story on modification of Origination Order).

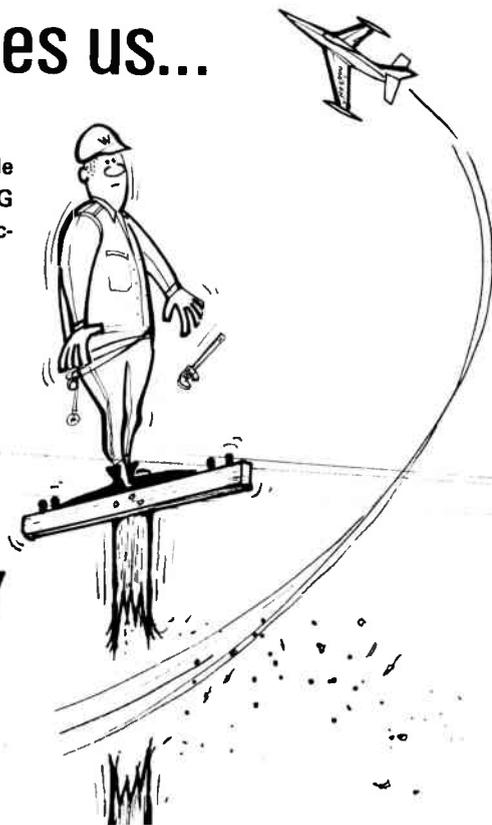
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We can come to your
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If you'd like to know your
ear from your elbow use your
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1801 AVENUE OF THE STARS, LOS ANGELES, CALIF. 90067
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Title.....

Company.....

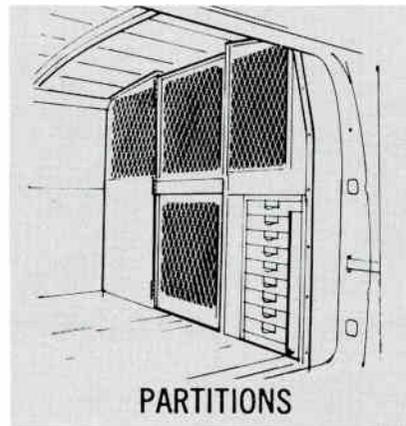
Address

City.....State.....

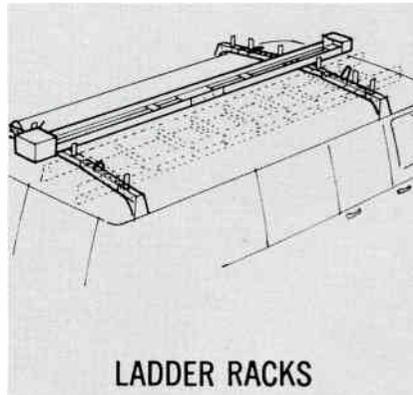
Zip.....Phone.....



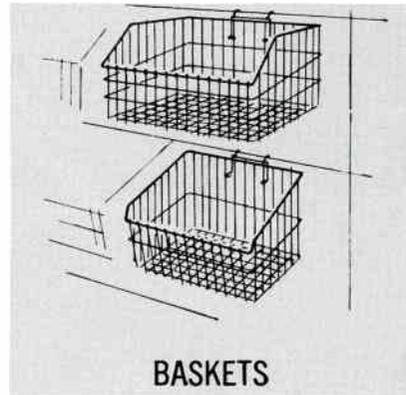
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PARTITIONS



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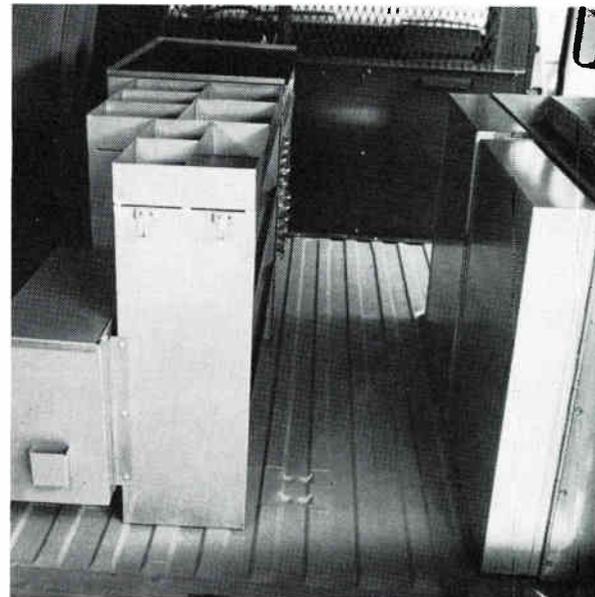
If you're in the CATV business, we'll help you get organized! We make van interiors . . . complete interiors such as the "installer's van compartment," or custom-rigged interiors utilizing our special equipment units.

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log kept at each system would identify the type and source of each program; beginning and ending time of program; channel lessee; name and political affiliation of any political candidate; and details on commercial matter and public service announcements.

According to the FCC, automatic logging could be used under the proposed rules. However, "information which cannot be incorporated in the automatic process would have to be maintained separately." In addition, should the Commission so request, systems might be required to "extract information in the recordings" and submit that information in the form of a written log.

Entries for commercials would include not only the sponsor identification, but total duration of the commercials within each

hourly time segment.

Cablecasting data is being asked for in the proposed Annual CATV Reporting Form (FCC Form 325). If standard program logging is used, according to the Commission, Annual Report data will be more easily gathered as well as uniformly maintained among systems.

One of the questions in drafting reporting forms is whether the "typical" day or week should be used, or whether a "composite week" can be substituted. Before "composite week" information can be sought, said the Commission, a standard logging method must be developed.

Comments on the proposed logging rules are due February 22; reply comments due March 4.

The proposed rule making is part of Docket 18397—the broad inquiry into CATV.

LVO Cable Gets Franchise for Tulsa

The Board of Commissioners of the city of Tulsa, Oklahoma has unanimously selected Tulsa Cable Television (TCT) to provide broadband cable communications services for the city. The franchise agreement calls for a \$4.55 subscriber fee and a payment to the city of four to six percent of gross revenues.

Tulsa Cable Television is comprised of three general partners: LVO Cable, Inc., cable television subsidiary of Tulsa-based LVO Corporation (51 percent); Williams Brothers Company, Tulsa-based pipeline engineering and construction company (25 percent); and William D. Swanson, former general manager of Tulsa's KTUL-TV. Limited partners include: B.E. Barnes, Robert W. Berry, Raymond F. Kravis, Joseph L. Parker, Bailie W. Vinson, and Mrs. Ben F. Morey, Jr. Swanson and the others own 24 percent.

The action followed a 10-month study. Original proposals were received by the city of Tulsa, the nation's fifty-third market, on March 2, 1970.

Wayne E. Swearingen, president

of LVO Corporation, said the project will cost nearly \$10 million for the city of 127,000 homes.

TCT plans to provide a single-cable broadband system for the city. The proposed system will have 27-channel capability. In addition, two-way capability would be available from key points in the community.

In addition to local broadcast television signals, the company will seek authority to provide distant independent television signals to the Tulsa market.

Further, Tulsa Cable Television proposed a very extensive offering of local origination services, including entertainment, educational, cultural, business, children's, news, weather, and sports channels—12 in all. A yearly budget of \$950,000 was proposed for operation of the channels.

Construction will begin soon enough for the first subscriber to have service no later than 12 to 15 months after all necessary agreements are finalized. The final permit ordinance from the city is still forthcoming, and some terms are yet to be defined. Construction will begin whether or not the company is able to import distant signals.

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Shielded & Protected Network—Heat Sealed and weather proof—to prevent shock.



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Bandwidth	50 to 260 MHz.
Isolation	1000V
VSWR	1.2 to 1
Return Loss	.22db min.
Insertion Loss	0.9db max.
Balance Ratio	.25db min.

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2, 3 & 4 way Hybrid Splitters (indoor & outdoor) Multi-taps • Directional Taps • Directional Couplers • Wall Plates & Cable Assemblies of all types • TV-FM Splitters • FM Transformers • Fixed Attenuator Pads • Power Passing Units • Line Splitters • Connectors and Associated Hardware • Pole Line Hardware
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FROM THE EDITOR

A Questionable Gift?

This was the question NCTA President Don Taverner posed with regard to the FCC's plan to "take the heat off" in the mandatory origination issue. And the question is a valid one.

Forced local programming for all CATV systems with 3,500 or more subscribers would have done a lot for this industry. It would have moved it into the origination business at an accelerated pace. It would have put us ahead of the game ten years from now. Appropriate, low-cost technology would have received a major boost, and innovation before the cameras would have started to become commonplace. Innovation

in means to get additional revenue through local origination would also have been born.

But another kind of innovation would have taken place too: Many operators, after taking a close look at the economics or "uneconomics" of origination, would have been forced to innovate ways to "get around" the FCC's rule. Shoddy programming, undependable equipment and a half-hearted attitude about the whole thing would have become the order of the day in many cable television communities.

Cablemen are not shoddy and half-hearted. But they are in business to make a living, and

anything which mitigates against that objective can be expected to be met with a less than enthusiastic response. And let's face it: local origination in the average CATV town is a money-losing proposition.

So the Commission's decision to allow systems with less than 10,000 subscribers to request waivers is a "questionable gift"—in the broadest sense of the phrase. But nearly all the industry, including this editor, heaved a sigh of relief when the news broke. The assurance that operators can now get relief from a situation which was going to force them to lose money is good news indeed.



Robert A. Searle
Editor

TPT, Kahn Indicted by Federal Grand Jury

Last Thursday (January 28), a nationally-released news story announced that a federal grand jury in New York has indicted four people, including the Mayor of Johnstown, Pennsylvania, and Irving Kahn, the president of TelePrompter, the nation's largest cable operator. The indictment alleges bribery and conspiracy in relation to a CATV franchise that was granted in 1966. The other two men indicted were a current and a former member of the Johnstown city council.

The grand jury indictment alleges the payment of \$15,000 in bribes in 1966 to the Johnstown officials to swing a city council majority vote in February of 1966. The vote awarded an exclusive ten-year franchise, with a ten-year option, to Johnstown Cable TV, a subsidiary of TelePrompter.

During a late Friday afternoon phone interview with a spokesman for TelePrompter, CATV was told that "the actions of TelePrompter and Irving Kahn were not criminal . . . rather, they were the

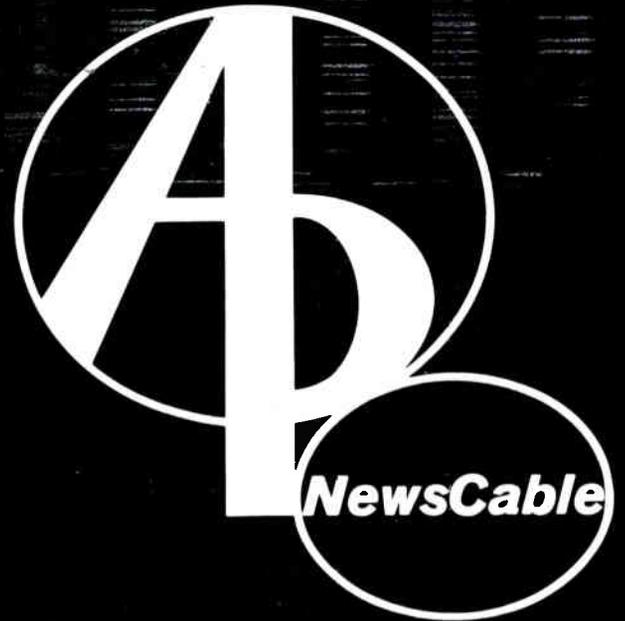
victims of a crime." Transfer of the \$15,000 was not disputed. The spokesman indicated that it was TelePrompter's position that the money was extorted from the MSO by the city leaders.

The Johnstown franchise was purchased by TelePrompter from another cable firm, prior to February 1966. About that time a new city administration took office in Johnstown and they informed TelePrompter that a new franchise would have to be renegotiated.

"There are
only two forces
that can carry light
to all corners
of the globe

—the sun in the heavens and
The Associated Press
down here"

—Mark Twain.



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Robert T. Bartley: FCC Commissioner and Critic; CATV's Early Champion

An FCC Commissioner for nineteen years—a figure on the political and communications scene in Washington for nearly forty years—Robert T. Bartley has sometimes been his own agency's severest critic. This issue of *CATV* features a Profile of this Commissioner (see page 39) and the following interview in which he discusses some of his views on regulation and cable television—*Ed.*

CATV: Commissioner Bartley, drawing on your years of experience in Washington, how would

you assess the job that regulatory agencies in general are doing today?

Bartley: Probably very few people realize what a critical fight it is for agencies trying to work under the serious limitations they have on budgets and staff. I'd have to say that agencies in general are not doing a good job—at least, not doing the jobs they were intended to do.

CATV: To what extent is the Federal Communications Commission involved in the "critical fight" which you mention?

Bartley: The FCC has at least as many problems as the other agencies—probably more. No other field has seen innovations of the size and scope we've seen in communications. And yet—despite the tremendous increase in volume of work, we have had no increase in facilities to handle it. In fact this agency had more employees during the War than during 1965. Still, we keep taking on new problems.

CATV: You have not always agreed with your colleagues on which new problems that FCC should take on, have you?

Bartley: I objected—and still object—to our regulating cable television. This agency has no jurisdiction over cable television without Congressional authorization.

CATV: What, then, was your reaction to the Supreme Court decision in the Southwestern case which upheld FCC jurisdiction over CATV?

Bartley: I have always felt that the Supreme Court has done some rather strange things—but that was the strangest. The problems involved in regulating cable television are extremely complicated. What I believed we needed was wide-open legislative hearings which would bring out the factual data we need, and would give Congress the chance to set guidelines for regulation. Nevertheless, the Commission has gone ahead without Congress.

CATV: Do you believe there has been a change in "climate" for CATV at the FCC with the new Commissioners on board?

Bartley: Well, the freeze is still on, in spite of a great deal of talk. But yes, I would have to say that I believe a majority of the present Commission really wants some answers.

CATV: Commission hearings are being talked about now. Do you



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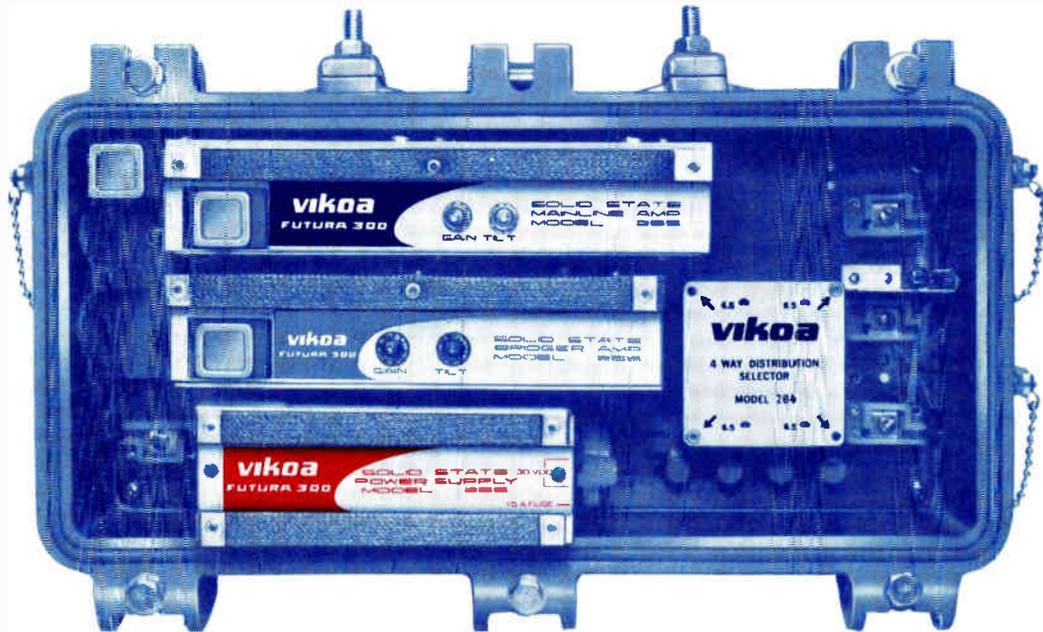
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SPECIFICATION

INTRODUCTION

Designed for expanded channel operation with high output capability and low distortion and noise figure. New circuit design techniques result in lower second order distortion. Units feature dual pilot AGC, push-pull design, and feature completely modular solid-state construction. Expanded Frequency Range; 40-300 MHz.

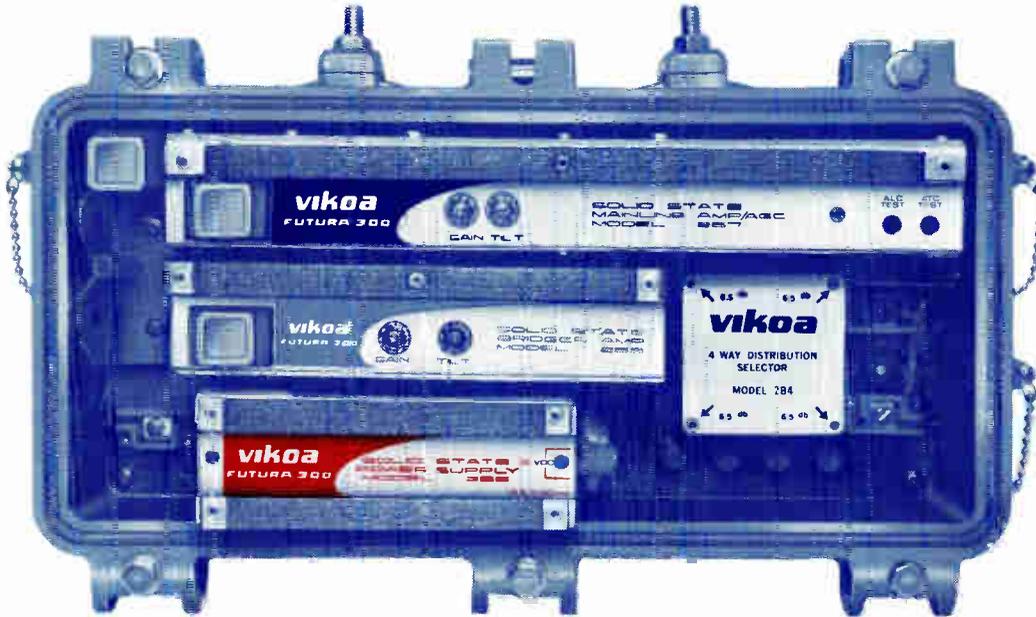
MODEL 251 MAINLINE AMPLIFIER

Model 251 Mainline Amplifier consists of a Model 265 Mainline Amplifier Module and a Model 266 DC Power Supply Module plugged into a Model 250 Amplifier Housing.

MODEL 252 MAINLINE/AGC AMPLIFIER

Model 252 Mainline/AGC Amplifier consists of a Model 267 Mainline/AGC Amplifier Module and a Model 266 DC Power Supply Module plugged into a Model 250 Amplifier Housing. The Model 267 Mainline/AGC Amplifier Module contains AGC circuitry to maintain output level within $\pm 0.5\text{db}$ for an input level variation of $\pm 5.0\text{db}$. Output tilt will be maintained within 0.5db for an input tilt variation of 2.0db .

RANGE AMPLIFIER SERIES



MODEL 254 MAINLINE/AGC-BRIDGER AMPLIFIER (less cover)

HIGHLIGHTS

MODEL 253 MAINLINE-BRIDGER AMPLIFIER

Model 253 Mainline-Bridger Amplifier consists of a Model 265 Mainline Amplifier Module, a Model 268 Bridging Amplifier Module, a Model 266 DC Power Supply Module and a 1, 2, or 4 output Distribution Selector Module plugged into a Model 250 Amplifier Housing.

MODEL 254 MAINLINE/AGC-BRIDGER AMPLIFIER

Model 254 Mainline/AGC-Bridger Amplifier consists of a Model 267 Mainline/AGC Amplifier Module, a Model 268 Bridging Amplifier Module, a Model 266 DC Power Supply Module, and a 1, 2, or 4 output Distribution Selector Module plugged into a Model 250 Amplifier Housing. Model 254 Mainline/AGC Amplifier has the same characteristics as the Model 252 with the addition of the Model 268 Bridging Amplifier Module to provide up to four distribution lines.

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.

FUTURA 300

EXPANDED RANGE MODULES

MODEL 265 MAINLINE AMPLIFIER MODULE



Model 265 Mainline Amplifier Module contains a four stage, push-pull broadband VHF amplifier circuit utilizing solid state active devices. Front panel controls include continuously variable Gain and Tilt potentiometers. A receptacle is provided for Vikoa's Expanded Range plug-in equalizer pads available in various db values.

MODEL 266 DC POWER SUPPLY MODULE



Model 266 DC Power Supply Module contains solid state switching regulator circuitry for maximum efficiency. Current-Guard design reduces dissipated power and heat. Output nominal 30 volts DC at up to 1.25 amperes. Test points and protective fuse are mounted externally for accessibility.

MODEL 267 MAINLINE/AGC AMPLIFIER MODULE



Model 267 Mainline/AGC Amplifier Module contains a four stage, push-pull broadband VHF amplifier utilizing solid state active devices. Front panel controls include continuously

variable Gain and Tilt potentiometers, AGC test points and a receptacle for Vikoa's Expanded Range plug-in equalizer pads available in various db values.

MODEL 268 BRIDGING AMPLIFIER MODULE



Model 268 Bridging Amplifier Module contains a four stage, broadband VHF amplifier circuit, with push-pull output stages for lower second order distortion. Front panel controls include continuously variable Gain and Tilt potentiometers and a receptacle for Vikoa's Expanded Range plug-in equalizer pads available in various db values, color-coded for identification.

DISTRIBUTION SELECTOR MODULES



Model 281, 282 or 284, 1, 2, or 4 output Distribution Selector Modules available

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feel some answers might come out of such hearings, and how soon might those answers come?

Bartley: At hearings we're more likely to get *opinions* than new *facts*. I just could not speculate on a timetable—however, the Commission is considering several important aspects of CATV operation and at least some rules are going to be finalized.

CATV: Which of the current problems before the FCC do you judge to be most urgent?

Bartley: Unquestionably, distant signals. We either have a freeze or we do not. We either continue to protect big-city television, or we do not. I do not know what the "solution" will be—but I think it is safe to say it will not look a lot like the presently proposed Public Dividend Plan. We don't really have any answers on the "impact" of CATV on television. It may be that there are going to have to be some sacrifices, that we *may* lose some marginal stations.

CATV: You advocate letting market forces decide the issue then?

Bartley: Yes, in general I would prefer that. One of the Commission's responsibilities, of course, is to regulate abuses—but we haven't allowed cable television to grow to the point where it can even *develop* abuses.

CATV: Do you foresee a wider role for states to play in CATV regulation?

Bartley: Certainly there may be *some* role, although just what it will be is not clear. Cable systems are monopolies in most areas—and it's been my experience that monopolies simply can't help acting like it.

I'm disturbed, too, by the trend toward concentration of ownership, by the consolidation of systems into large groups. I'm so parochial I believe in local ownership and local management. What makes cable television such an interesting phenomenon is that it did develop from the grass roots, from the small town, with local interest and involvement.

CATV: Will the Commission

strengthen that local involvement by its mandatory local origination rule, do you believe?

Bartley: I voted against it, and I am very doubtful about cablecasting. There is just not that much good programming available. For the same reason, I don't look for a common carrier-type future for CATV.

CATV: Commissioner, if you were to sum up your own regulatory philosophy, how would you express it?

Bartley: The objectives of the Commission, as I see them, should be to use our resources to regulate against abuses and to stimulate competition, and to avoid, insofar as possible, any attempt to "manage" communications.

CATV: And do you see the FCC as moving in this direction?

Bartley: To some extent. Over the next five years I believe we will see less desire than in the past to actually "manage" communications.



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*Robert Titsch
Vice Pres. of Marketing*

Six Selling Errors

There are many fine books and essays available on salesmanship. Many companies have formal sales training programs and spend literally thousands of dollars each year on consultants, seminars and special sales courses — yet many salesmen fail, and others barely squeak by.

Why does this continue to happen in spite of all the efforts to improve salesmanship in most companies? Here's at least one reason: Many companies spend a great deal of time telling a salesman "the Do's of selling," but few companies spend much time telling their men "the Don'ts of selling." The following is a guideline of "don'ts". It can be applied to all selling situations.

Grooming. Don't stay away from the barber. To be noticed, one does not have to grow shoulder length hair or a beard. Rumpled clothes, and spots on your tie can be counted on to offend many potential customers. Contrary to the apparent opinion of some, an unwashed odor is not a mark of maturity or distinction. It is surprising how many men do not seem to care if they have an odor about them. In short, remember that the moment when you first meet the customer is the moment he will form his first opinion of you.

Work. Don't avoid it! Someone once said "The world is full of mediocrity." If this is true, a salesman has a greater opportunity for success than a great many other professionals, because in most cases, the salesman controls his own level of mediocrity. He, and no one else, determines the number of calls he makes.

Loyalty. Don't ever show disloyalty toward your superiors or company. When we show our customers that our superiors can't trust us, we give them reason to distrust us at the same time. "If he cares that little about his own boss, how can he begin to care for me?"

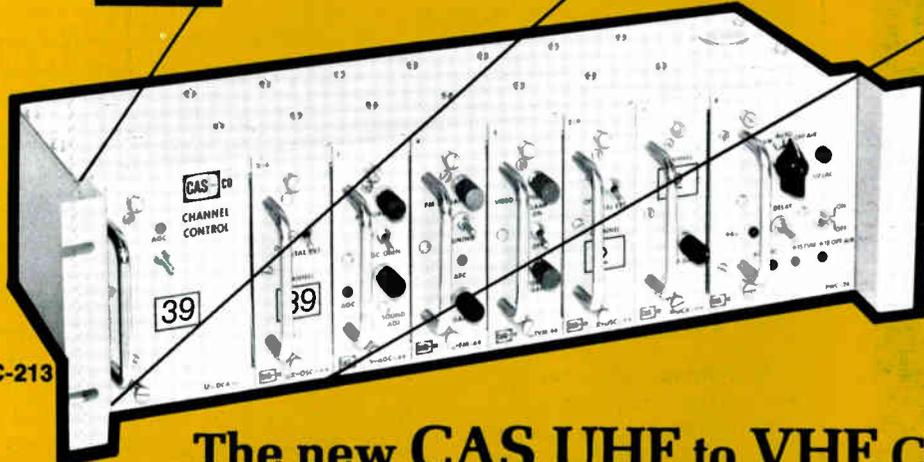
Enthusiasm. Don't be unenthusiastic, and don't be phony. Enthusiasm is contagion at work. How can you ever expect your prospect to be excited about your product if you aren't? Have you ever sold anything with an opening question such as the following: "Mr. Jones, my name is Bob. I just stopped by to tell you about cable television. I know you probably aren't interested, but I thought I'd tell you about it anyway." Of course you haven't! But you have probably missed a number of sales because your real attitude toward your product was basically neutral.

Service. Don't forget to service your accounts once you open them. Keep in contact with your customers. Let them know you are interested in more than their money.

Sales Reports. Don't fake sales reports. The only one you are hurting is yourself. A sales report is a track for the salesman to run on and a guideline for your sales manager to help you when your sales are down.

Don't Forget. Selling is a profession, just like medicine, football, law and many others. It demands professionalism. If you don't want to do it right, then you certainly are not a credit to the profession or yourself.

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.

Specifications

Input Frequency	UHF Ch thru Ch 60
Output Frequency	41.25 MHz sound 45.75 MHz video
Impedance	75 ohm
Input Return Loss	16 db
Response	$\pm 1/4$ db
Minimum Input	- 20 dbmv
Maximum Input	+35 dbmv
Recommended Input	+12 dbmv
Noise Figure	+12 db
Adjacent Channel Rejection	50 db
*Sensitivity	100 uv (- 20db) input for +55 db output
*Dynamic Range	60 db
IF Bandpass	41.6 MHz 45.75 MHz
Gain	20 db

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



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Shapiro Discusses CATV Effect on Economy

Moses Shapiro, Chairman of the board of General Instrument Corporation, recently discussed the effects of CATV on the nation's economy before the New York University Business Forum. Following is a summary of his remarks and quotes from his speech.

"I would like to talk about the prospects for cable television, also known as CATV, and about its potential effect on the economy and on the society in which we live . . . General Instrument Corporation's subsidiary, Jerrold, is the nation's largest producer of CATV equipment, the largest designer and installer of CATV systems and a major operator of CATV systems which today have more than 100,000 subscribers."

Over 2,400 systems are operating in the U.S. at present: these systems serve approximately 4.5 million subscribers, collect about \$275 million per year in subscriber fees and have a "conservative collective market value" between \$1 and \$1.5 million.

And yet cable television serves only about 7½% of all television homes and cannot, because of federal regulations, serve 88% of television homes within the top-100 markets. In the top-100 markets there are about 51 million TV homes—and about 9 million in the areas outside the top-100. Estimates are that 2500-3000 cable systems could be built in the major markets if the FCC's restrictions were removed.

Growth in the number of cable subscribers has increased more rapidly than growth in the number of systems. The annual growth rate in subscribers from 1964 to 1970 has been approximately

27%. This represents a rate exceeding not only the growth of the national economy but the growth in number of television households.

CATV is securing an increased share of the market; prospects for major growth are ahead. But "there can be no major continuing CATV growth, no public interest services, no two-way communication in the top-100 markets (with few exceptions) unless and until we are permitted to import an adequate number of distant signals into those markets."

In the top-100 markets, 65 are not served by even one non-network affiliated station. And yet, the federal government has

continued to freeze cable television out! What is the basis for this anti-cable posture? Those opposed to cable claim: (1) CATV pays no copyright and therefore is taking a "free ride"; (2) CATV will fragment television markets; and (3) it is the duty of the FCC to "prevent undue adverse impact on the free service the public is now receiving."

What are the public interest values of cable television? First, the industry can play a vital role in serving minorities, particularly in major urban areas. The broadcaster, who has only one channel to offer, cannot come close to providing the kind of access which cable systems can offer.

Industry Stocks

Stock	Stock Exchange	This Week	Last Week	Approximate		Shares Outstanding
				High	Low	
Ameco	AM	8	6 3/4	16 1/8	4 1/8	1,200,000
Amer. Elec. Labs	OTC	4 1/2	3 1/2	7 3/4	3	1,516,432
Amer. TV & Comm.	OTC	20 1/2	21 1/2	23	11 1/4	1,775,101
Anixter Bros.	OTC	8 1/2	—	—	—	—
Burnup & Sims	OTC	23 3/4	22	32	10 3/4	585,054
Cablecom General	AM	14 1/2	13 3/4	25 1/2	7 7/8	2,394,661
Citizens Finance Corp.	AM	16 7/8	16 5/8	17 7/8	10 1/8	1,087,500
Comm. Properties	OTC*	8 5/8	8 1/8	7 1/2*	9 1/2	1,823,191
Cox Cable Comm.	OTC	21 1/2	22 1/2	25 1/4	13	2,550,414
Cypress Comm.	OTC	8	7 3/8	19 1/4	7	1,887,626
Entron	AM	3 3/4	3 1/2	7 5/8	2 1/8	1,325,904
General Instruments	NY	18 1/4	16 5/8	36 3/4	11 7/8	6,026,000
Gulf + Western	NY	23 1/8	21	25 1/8	11	15,120,860
Kaufman & Broad Inc.	NY	48 1/4	47 1/2	45 1/2	26 1/8	5,880,222
LVO Corp.	NY	6 3/8	6 1/8	10 1/4	4 1/8	5,692,078
Magnavox	NY	39 3/8	—	—	—	—
Reeves Telec	AM	3 3/8	3 1/2	22 1/8	2 1/4	2,163,000
Scientific-Atlanta	AM	8 7/8	7 3/4	9 1/2	5	903,930
Tele-Communications	OTC	16 1/2	17	16 1/4	8 3/8	2,844,657
TelePrompTer Corp.	AM	85 3/4	76 1/2	133 1/2	46	3,193,022
TeleVision Comm.	OTC	10	7 1/2	20 1/2	6 1/4	2,850,000
Texscan	OTC	4 1/4	—	—	—	—
Viacom	NY	15 3/4	—	—	—	—
Vikoa	AM	9 3/8	8 5/8	34	6 5/8	2,313,000

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 bid prices 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.



Moses Shapiro

There is some evidence that the FCC, under the leadership of the new chairman, Dean Burch, is revising its approach to CATV regulation and may relax restrictions on the top-100 markets. But the battle is far from over. "CATV needs all the support that a concerned and informed citizenry can give."

When CATV opens up, what will be the economic consequences? System construction costs run about \$5,000 per mile aerial, \$10,000 per mile underground. Assuming that the number of existing systems would be doubled—with an average of 150 miles per system and an average cost of \$6,000 per mile—there would be \$2 billion required to build them and an additional \$750 million for working capital and start-up. And if all the systems were wired for two-way transmission, the cost would go up about another half-billion dollars. Thus, the capital required over the next decade would be on the order of \$3.5 billion.

If CATV in major markets enjoys the same market penetration as in the smaller markets—50 percent—this would mean 30 million subscribers at \$60 per year average, or gross annual revenues of \$1.8 billion. And that does not even take into consideration possible future revenues from advertising or two-way services.

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Tape-Athon Corp. Announces Top Executive Realignment

Tape-Athon Corporation's executive suite in Inglewood, Calif., has some new names on the doors. Primary move in the firm's top-level realignment is that of George Anthony who becomes chairman of the board. Replacing him as president is David Anthony, former executive vice president and general manager.

The firm's affiliate, Tape-Athon Music, Inc., also announced a new general manager, Thomas Anthony, who has been an administrative officer in several other Anthony Bros. enterprises.

In assuming his new post as president, David Anthony said the company will reveal a number of new developments in 1971, including taped programs

and equipment for the cable television market. He was one of the firm's founders in 1957 and has functioned as the chief operating officer for the past two years. He has been instrumental in bringing Tape-Athon into such areas as CATV.

Executive Promotions Announced By TelePrompTer CATV Division

Cable industry veteran Frank Thompson, manager of TelePrompTer Corporation's cable television systems in Rochester, Brainerd and Winona, Minn., and in LaCrosse, Wis., has transferred to El Paso, Texas, to build and manage a new system.

Replacing Thompson as manager in Rochester is Frank D. Staley who has been manager of the TelePrompTer CATV system in Morgantown, W. Va. New manager in Morgantown is David Pardonner who was assistant manager with TM Communications in Los Angeles.

Highleyman Assumes New Post With Florida CATV Company

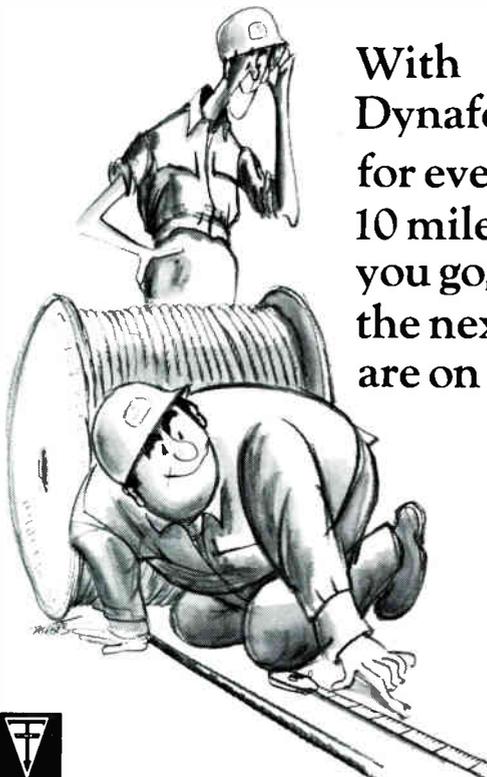
S.L. Highleyman has resigned as financial vice president of the Walter Reade Organization, Inc. in order to accept an appointment as executive vice president with Coaxial Communications, Inc. in Sarasota, Florida.

Coaxial Communications, engaged in system construction, operation and programming, is currently building a model "wired city" of 200,000 homes in Columbus, Ohio. According to the firm, the model city system will be equipped with full two-way communications capabilities.

Former Broadcaster Moves To Cablecasting for Storer

Gene Harris, seven-year veteran of the broadcasting industry, has been named by Storer Cable TV, Inc. as director of cablecasting for the firm's eastern division.

Harris will headquarter in Sarasota, Florida, and his division will begin program origination in Sarasota



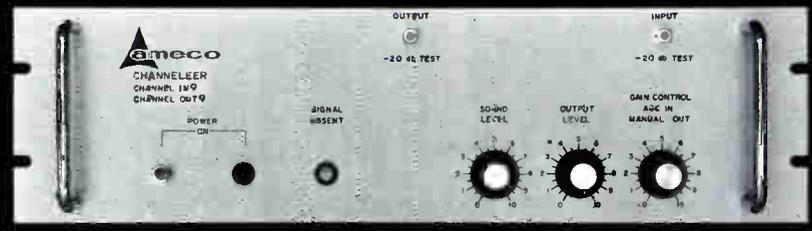
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AGC control	+0.5 dB for input change from -14 to +30 dBmV
Output level control	12 dB range (video-to-audio ratio constant)
Noise figure	7 dB
Minimum return loss	16 dB input & output
Image rejection	50 dB minimum
Adjacent channel carrier rejection	50 dB minimum
Video IF response	41.57 to 46.50 MHz, ± 0.25 dB
Carrier substitution oscillator	45.75 MHz, crystal controlled
Spurious signals	60 dB down minimum
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Weight	19 pounds

AMECO Incorporated, Box 13741, Phoenix, Arizona 85002, Telephone 602/252-7731

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If you're going underground, our professional crews can handle that, too, no matter how complicated the job . . . and you'll get a system that requires an absolute minimum of maintenance.

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We're Ready To Serve You...With The Best.**

Stan Socia Corporation

217 W. Houston, Tyler, Texas
Area Code (214) LY3-0911

and Venice on April 1, 1971—the origination deadline date set by the FCC for larger systems.

Since 1963, Harris has been with Storer Broadcasting. He was assistant television director and later director at WAGA-TV, Atlanta; production manager of the company's Boston TV outlet WSBK-TV; and operations coordinator of WSBK-TV until this appointment.

He is a native of Houston, Texas and attended North Texas State College.

HTV Systems Shifts Hedrick From Production to Customer Services

Donn Nelson, vice president of HTV Systems, Inc., has announced the move of U.P. "Prent" Hedrick from production manager to customer service manager.

Said Nelson, "The responsibilities of this newly created job will be to insure better coordination between HTV and its customers. This will establish a single point of contact involving any customer request or sales contact to HTV."

Hedrick joined HTV in 1969 as manager of purchasing. Prior to that time he worked in military electronics. He attended Cornell University and Ithaca College, both in his home state of New York.

Personalities on the Move

Gene Harris takes post as eastern division director of cablecasting for Storer Cable TV, Inc.; will headquarter in Sarasota, Fla. . . MSO Columbia Cable appoints Brian Doherty general manager of New Jersey operations; Doherty was formerly director of Vikoa's executive sales division and national sales manager for turnkeys.

HTV Systems introduces new customer services manager U.P. Hedrick, a member of the HTV staff since 1969 . . . James D. Confeld, formerly with HTV Systems, joins Cunningham Corporation as marketing manager, CATV products; Cunningham recently acquired the CATV product line of Aqua Instrument Company, Syracuse, New York.

S.L. Highleyman is appointed executive vice-president of Coaxial Communications, Inc. of Sarasota, Fla. . . Tape-Athon reassigns top-level executives; president George Anthony becomes chairman of the board; David Anthony moves up to president's position.

George "Bud" Zimmerman takes over as director of program origination for Monterey (Calif.) Peninsula Television, cable system serving Monterey, Carmel, Carmel Valley and Pebble Beach . . . A.H. Dorstewitz joins Scientific Communications Inc. to direct community relations for CATV development in suburban Chicago-area communities.

All you need is a film crew of one.

Local origination is easier than you think. When you think film.

Today you can go anywhere with a light, easy-to-operate camera, a power pack, and a few rolls of film. In fact, film equipment is so portable that one person can act as a complete film crew.

Cost? Prices for 16mm cameras start under \$500. With no hidden costs like technical servicing or expensive repairs. You can start with a silent camera, and add narration after shooting. This one camera can be used for local news, commercials, and short features in black-and-white or color.

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MITSUMI'S CATV RECEIVING EQUIPMENT

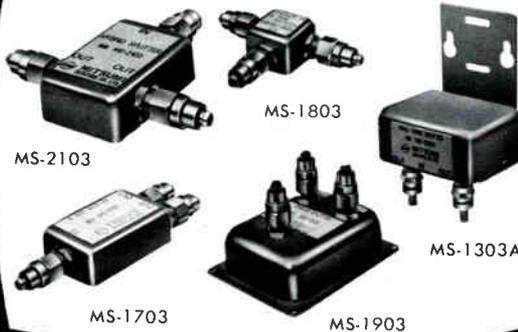
MATCHING UNITS



MB-4375

MB-5375

DISTRIBUTORS



MS-2103

MS-1803

MS-1703

MS-1903

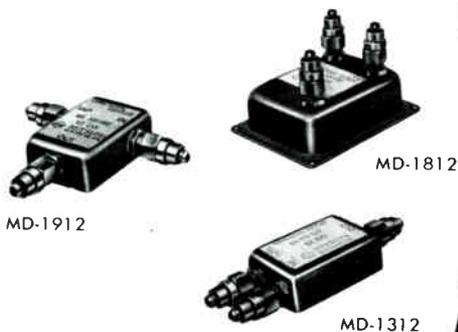
MS-1303A

SERIES UNITS



MW TYPE

BRANCHING UNITS



MD-1912

MD-1812

MD-1312

BANDPASS FILTERS



MF-1007

MF-2001 (FM USE)

FIXED ATTENUATORS



MT-75-3

LINE BLOCK



ML-1101

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The "Mitsumi CATV Receiving Equipment," which promises clear and sharp images and beautiful video pictures, both in areas of poor reception and in home viewing, are manufactured under outstanding design and processing techniques, scrupulous quality control, strict product inspection and with the use of streamlined and the latest production facilities that are available at Mitsumi—the specialized electronic component manufacturer. They are, of course, superb in reliability, performance and durability. They are products of international quality level that will offer every satisfaction to both domestic and overseas users. Mitsumi CATV Receiving Equipment that

satisfies the most severe specifications, claims a large number of features including:

- flat frequency characteristics
- wide band
- high separation
- low insertion loss
- extremely low unmatching attenuation
- miniature size and
- long service life

The electronic component manufacturer of international reputation, Mitsumi Electric Company, confidently recommends this "Mitsumi CATV Receiving Equipment."



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Tel: (03) 489-5333

Europe office: Manenstrasse 12, Dusseldorf, W. Germany.
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★ Synchronous Motor ★ Trimming Potentiometer ★ CdS Photoconductive-Cell ★ Hybrid IC ★ Magnetic Head
★ Switch ★ Connector ★ Socket ★ Fuse Holder ★ Terminal ★ CATV Component ★ ETC.

Panama Franchise Won by Burnup & Sims

Burnup & Sims, Inc. reports it has received a franchise through its subsidiary, Cablevision de Panama, S.A., from the Republic of Panama to build and operate a cable television system throughout the entire country.

The franchise was secured through a resolution passed by the provisional government and signed by Demetrio Lakas, president of Panama, and Alejandro J. Ferrer, minister of government and justice. Cablevision de Panama is 86 percent owned by Burnup & Sims and 14 percent by local Panama interests.

Thomas R. Pledger, Burnup & Sims president, estimates construction costs will total about \$3.5 million to cover 55,000 projected subscribers. Preliminary engineering for the new system has already been started.

Burnup & Sims has participated in the construction of more than 100 CATV systems and currently has interests in seven operating systems or franchises. The Panama project is the first CATV system to be built by the company outside the United States or its possessions.

Augusta System Reveals New Corporate Structure

The cable television division of Fuqua National, New View CATV, has been transferred to a new corporation, Cablevision of Augusta, Incorporated. The announcement was made by J.B.

Fuqua, president and sole stockholder.

Officers of the new corporation are: J.B. Fuqua, president; John Radeck, vice president; Asa Stallworth, vice president; John C. Melton, vice president; and Bob Prather, secretary-treasurer. Melton will continue as the general manager of the system.

The CATV franchise was granted in 1968, and construction was begun in the summer of 1969. To date, 70 miles of cable has been constructed, but Fuqua

stated that this is only a portion of the total 290 miles which is planned for the future. The present investment in the system is approximately \$700,000, and the completed system will cost close to \$2,000,000.

The system has filed petition for carriage of a distant signal of a full NBC affiliate, so that subscribers would have full network service from all 3 television networks. In the future 20 channels will be utilized. Innovations such as utility meter readings, fire and burglar alarm, as well as two-way communications, are also planned offerings from Cablevision.

Construction Summary

EAST: Construction crews are working on first 55 miles of cable to serve **Cambridge, Md.** according to American Cablevision, Inc. . . . Allband Cablevision of Olean has acquired Southern Tier TV Cable Co., plans \$100,000 expansion in **Portville, N.Y.** . . . New Channels Corp. is new owner of Bradley's Cable TV Service, Inc., **Campbell, N.Y.** and plans construction of 12-channel system immediately . . . Service will be available in April to **Connellsville, Pa.** subscribers.

MIDWEST: Construction will be under way soon in **Mineral City, Ohio** says a spokesman for Communications Construction Corp.

CARS PERMITS: The FCC, through its Cable Television Bureau, has granted licenses covering permits for CARS for: **Valley TV Cable, Inc., Corning, Calif.**; **Liberty Television, Inc., Bend, Ore.**; **KOTA Cable TV Co., Brookings, S. Dak.**

TelePrompTer Picks RCA For 1st Color Cablecasting

TelePrompTer of Oregon, with approximately 18,000 subscribers in Eugene, has become the first of the MSO's systems to originate in color.

Robert Morrison, manager of the Eugene-Springfield system, said his was the initial color studio installation—but there will be others. TelePrompTer earlier this year ordered RCA color originating equipment valued at \$1 million for its larger cable operations.

As the first installment on the contract, RCA delivered four "live" color TV cameras for the Oregon system. Two are used in a 1,000-square-foot studio; the others will be installed in a mobile television van which will cover news and special events.

The cameras, type PK-730, use a single tube design pioneered by RCA and, according to the firm,

are compact and easily maneuvered. The technical system also includes an RCA unit for originating color films on the cable, and a complete switching and control complex.

Morrison said the Eugene system now carries approximately an hour of studio-originated color shows daily, including tape-recorded interviews, news, announcements and local sports events. This schedule will be stepped up when the new system is in full operation, he said.

At present, the 460-mile system carries 10 channels of programming to subscribers in the Eugene-Springfield metropolitan area.

City Soliciting Franchise Applicants

CATV has received a formal notice that the city of Coronado, Calif., is soliciting applicants for the granting of a non-exclusive franchise for a CATV system.

Sealed bids will be accepted through February 16.

Ampex Hosts Three-Day Cablecasting Sessions

Looking toward the approaching day of mandatory originations,

Ampex has taken its wares on the road to show to operators.

Principal models of the firm's new line of closed circuit video-tape recorders are being demonstrated to dealers and users in three-day sessions at major locations throughout the country.

Shows this month are being held at Washington, D.C., Feb. 7-8; Atlanta, Feb. 10-12; St. Louis, Feb. 23-25. The final demonstration will be March 2-4 in Minneapolis.

Featured are the top models of the one-inch helical scan recorders, the VPR-5800 and VPR-7900, plus the new Insta-vision cartridge-loading system recorders.

Franchise Summary

EAST. Parker Cablevision Corp. of Worcester has been awarded franchise for **Oxford, Mass.** Firm proposes \$5 monthly and installation fees, 24-channel service and free service to schools and municipal offices... An ordinance is due for hearing and final passage to give **Morristown, N.J.** franchise to Greater Morristown CATV... **Pleasantville, N.J.** village board has terminated its CATV agreement with Saw Mill River Cablevision... **Vistal Video, Inc.** is still fighting for a rate hike while subscribers are petitioning the **Union, (N.Y.)** town board to deny... **Oyster Bay, N.Y.** town board has application for system from Coaxial Communications; terms include 5% franchise fee to the city, \$10 installation charge and \$5 monthly subscriber fee for 24-channel service.

MIDWEST: **Belvidere, Ill.** is threatening to rescind Community Cable-Vision's franchise for non-performance; no moves toward construction have been made since franchise was granted in 1967... **Tri-County Publications** has proposed a CATV system to serve **Linn and Belle, Mo.**, with construction costs estimated at less than \$200,000... The **Charlotte, Mich.** city council has adopted an ordinance authorizing **Charlotte Cablevision Co.** to operate; principals are **Eldon and Bert Post**

... **Communications Properties, Inc.** brought in a high-powered salesman, **Patrick Nugent** (son-in-law of former President **Lyndon Johnson**) to sell **CPI's** franchise application to **St. Paul, Minn.** officials; proposed service would cost subscribers \$20 installation, \$5.50 per month... **Batavia, Ohio** has awarded a 35-year franchise to **Southwestern Ohio Cablevision, Inc.**; company spokesman **Roland O. Reed** said he plans to be operating with 12-channel service within 18 months; initial charges are \$4.50 plus \$1.50 for additional set and the city is receiving 2% of net or \$100 per year; **Reed** hopes to serve most of **Clermont County**... **Whitehall, Ohio** mayor **Walter Siemer** has vetoed the city's franchise award to **Coaxial Communications**; says he wants to see ordinance amended to give the city the unqualified right to amend the ordinance anytime in the future... Over objections, the **Milwaukee, Wis.** common council has authorized a franchise for **Time-Life**; under a 1966 enabling ordinance, **Time-Life** will have to pay the city 10% of gross and plans to charge \$15 for installation, \$5.95 month.

SOUTH. **Arkansas Cable TV, Inc.** has asked **Benton, Ark.** for a franchise which would give the city 4% of gross per year or a minimum of \$2,500... If the **Fort Lauderdale,**

Fla. county commission awards a cable franchise, school **ITV** officials have made it clear they will ask for four to six channels for educational use... **Ft. Myers, Fla.** has the opportunity to buy the system serving the city; broadcast-owners must divest and the city has first refusal rights on the 20-year franchise granted in 1962; system now serves over 6,000 users with 40% outside the city limits... **Cross-ownership** rules are causing problems in **Windsor, N.C.**, too, where **Peninsula Broadcasting Corp.** has asked the town to terminate its franchise agreement; since signing of the agreement in October 1966, franchise owners have paid the city \$4,000... Passed to a second reading is an ordinance granting a **Port Arthur, Texas** franchise to **Port Arthur Cablevision, Inc.** (subsidiary of **Time-Life**).

WEST. **Theta Cable of California** has proposed a system to serve **Anaheim, Calif.** with 20 channels of programming for \$6 per month... **Huntington Beach, Calif.** officials are studying possible cable ordinances... **San Diego, Calif.** council has asked holders of existing franchises to renegotiate terms of their agreements... The **Coronado, Calif.** city government has invited franchise applications; sealed bids must be in by February 16.

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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 for a limited time only at \$9.95 per copy. Marked down from its original price of \$14.95 to \$9.95 as an introductory offer, 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:

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East	1290	3500	500M	NEGO	South	381	1700	110M	CASH
MW	109	115	19M	CASH	NW	300	700	75M	29%
Central	609	700	175M	NEGO	Central	675	900	175M	NEGO
South	4988	12643	2,000M	TERMS	South (2)	870	1900	230M	75M



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CATV MEETINGS

AND IMPORTANT DATES

FEBRUARY

3—Deadline for reply comments on the proposed FCC rulemaking concerning establishment of a domestic communications satellite system.

45—Louisiana Association of Cable TV Operators at the Ramada Inn in Monroe, La. For more information, contact Ed J. Prendergast, (318) 477-9674.

7-13—National Cable TV Week.

9-10—NCTA Board of Directors' Meeting at the Embassy Row Hotel in Washington, D.C. Previously scheduled for February 25.

9-11—Vikoa Technical Training School at the Heart-of-Town Motel in Charleston, W.Va. For more information, contact L. McGuill, Vikoa (201) 656-2020.

11-12—State and Regional CATV Association Presidents' Meeting at the Hotel Sonesta, Washington, D.C. For more information, contact Wally Brisco, NCTA, (202) 466-8111.

12—Idaho Cable Television Association meets at the Rodeway Inn, Boise, Idaho. For more information, contact Johnnie R. Cline, ICTA president, (208) 678-8510.

12-13—South Carolina Cable Television Association meets at the Wade Hampton Hotel in Columbia, South Carolina. Program will feature a presentation on FCC rules and regulations by Lewis J. Cohen or Cohen and Berfield (Washington, D.C. law firm); Paul F. Grose; George Dixon (of C-Cor Electronics); Chuck Walsh (of NCTA). For more information, contact John Thorne, SCCTA president, (803) 448-7065.

16-18—NCTA Program Origination Seminar at the Hyatt House in Dallas, Texas, (note the change in dates). For more information, contact NCTA, (202) 466-8111.

21-22—Alabama Cable Television Association Winter Meeting at the Guest House Motor Inn in Birmingham, Ala. For more information, contact J. Dige Bishop, ACTA president, (205) 222-6464.

MARCH

1—The FCC has set this date as the new deadline for filing applications for domestic communications satellite systems in the 4 and 6 GHz bands or higher. This deadline was moved from December 1, 1970.

1-3—NCTA Program Origination Seminar in Boston, Mass. For more information, contact Larry Bowin, NCTA, (202) 466-8111.

5-6—Georgia Cable Television Association meets at the Augusta Towne House, Augusta, Ga. For more information, contact Hugh Smith, GCTA secy.-treas., P.O. Box 241, Rome, Georgia 30161.

9-11—Vikoa Technical Training School in Winston-Salem, North Carolina, location to be announced. For more information, contact William McNair, Vikoa, (404) 482-2981.

16-19—Jerrold Electronics CATV Basic School in Atlanta, Georgia, location to be announced. For more information, contact D. de Brier or E. Velez, Jerrold, (215) 925-9870.

22-25—IEEE International Convention and Exposition will be held at the New York Hilton Hotel and the Coliseum. For more information, contact J.M. Kinn, 345 E. 47th Street, New York, N.Y. 10017 (212) 752-6800, Ext. 630.

28-31—National Association of Broadcasters 49th annual convention at the Conrad Hilton Hotel, Chicago, Ill. For more information, contact NAB at 1771 N. Street, N.W., Washington, D.C. 20036 (202) 293-3500.

30—Two FCC deadlines of interest to CATV fall on this day. Comments on applications for and proposed rules concerning a domestic satellite system are due. This is the final day for Western Tele-Communications, Inc. (subsidiary of TCI) to file for earth stations related to a domestic satellite system.

APRIL

1—The FCC deadline for 3,500-subscriber (or larger) cable systems to begin offering locally originated programming. Systems with 10,000 (or more) subscribers must begin on this date, even if they seek a waiver. Smaller systems may request a waiver and delay their origination efforts.

4-6—Southern CATV Association annual convention at the Sheraton-Peabody Hotel in Memphis, Tenn. For more information, contact Alvin D. Wood, SCATVA secy.-treas., P.O. Box 888, Dyersburg, Tenn.

13—Beginning on this date, the Canadian Radio-Television Commission will hold a public hearing which will deal with proposed CATV policies and regulations for Canadian cable operators. The hearing will be at the Centennial Centre, Ottawa, Ontario.

12-13—New England Cable Television Association annual meeting at the Sheraton Wayfarer in Bedford, New Hampshire. For more information, contact Bill Kenny, NECTA executive director, P.O. Box 321, Tilton, N.H. 03276 (603) 286-4473.

13-16—International Magnetics Conference will be held at the Hilton Hotel in Denver, Colorado.

16—FCC cross-ownership proceedings: Comments are due this day from NAB and American Newspaper Publishers Association. Deadline moved from January 15.

25-30—Society of Motion Picture and Television Engineers will hold their 109th Technical Conference at the Century Plaza Hotel in Los Angeles. For more information, contact SMPTE, 9 E. 41st Street, New York, N.Y. 10017.

MAY

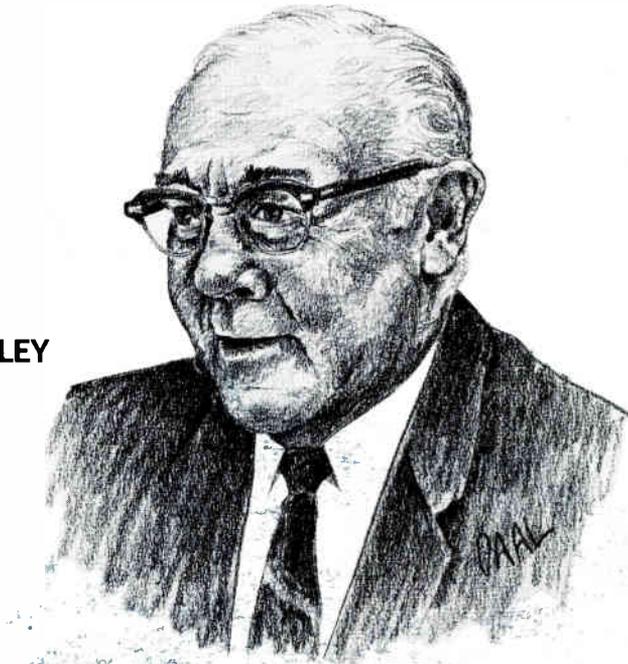
4-6—Pennsylvania Community Antenna Television Association Spring meeting will be held at the Marriot Hotel in Philadelphia, Pa. For more information, contact John Rigas, PCATA president, P.O. Box 472, Couduersport, Pa. 16915 (814) 274-9631.

JULY

6-9—National Cable Television Association Annual Convention at the Sheraton Park Hotel and the Shoreham Hotel in Washington, D.C. For more information, contact NCTA (202) 466-8111.

NOTE: If you have a listing to be included in this calendar, please send it (as early as possible) to Stuart MacPhail, 1900 West Yale, Englewood, Colo. 80110. All CATV-related events and important dates will be listed.

COMMISSIONER R.T. BARTLEY



When Robert T. Bartley—most senior of the seven men who sit on the Federal Communications Commission retires next year, his going will mark the end of an era for many cable people. It's an era that has largely passed already . . . an era of bitter battle to keep cable television out of the regulatory grasp of the FCC . . . an era which began in the early 1960s and which, for all practical purposes, died with the 1969 Supreme Court decision in the *Southwestern* case.

In its fight to keep free of government regulation, CATV's staunchest, and certainly longest-standing Washington ally was Commissioner Bartley. "We have no business regulating CATV without specific authorization from Congress," he said when the subject first came to a vote at the Commission. And that is what he still says today—even while acknowledging that FCC regulation of the industry not only exists but is growing daily. "Just because it's a fact does not make it any more right," he comments with a rueful shrug.

While cablemen may regret his retirement, it is evident that the Commissioner is looking forward to it with happy anticipation. Instead of just week-ends, days stolen here and there from a busy schedule, he and his wife Ruth will be able to enjoy the pleasant leisure of their home in Maryland on Chesapeake Bay. Fishing, boating, days on the water with his six grandchildren—and politics? Yes, but not the political life of Washington. "I want to stay active," says Bartley, "but in county politics—they're more my size politics."

Yet for nearly forty years, national-size politics have been "his size" politics. Bartley was born in Ladonia, Texas, on May 20, 1909. He spent his childhood in Texas where he attended high school in Dallas, then put in two years at Southern Methodist University before becoming, in his terms, a "Depression Drop-out." But once Robert Bartley left Texas, he left it permanently. In 1934 he came to the nation's capitol, and has not been from it since.

His first position with the FCC was as Director of the Telegraph Division. From 1937 to 1952 he moved between the worlds of government and communications—with the National Association of Broadcasters, and with the office of the Speaker of the House of Representatives where he was administrative assistant to Speaker Sam Rayburn from 1948 to 1952.

In the nineteen years since President Truman first appointed him Commissioner, Robert T. Bartley has championed a number of causes at the FCC. The cable community will not be alone in giving him thanks and wishing him well when he retires in 1972.

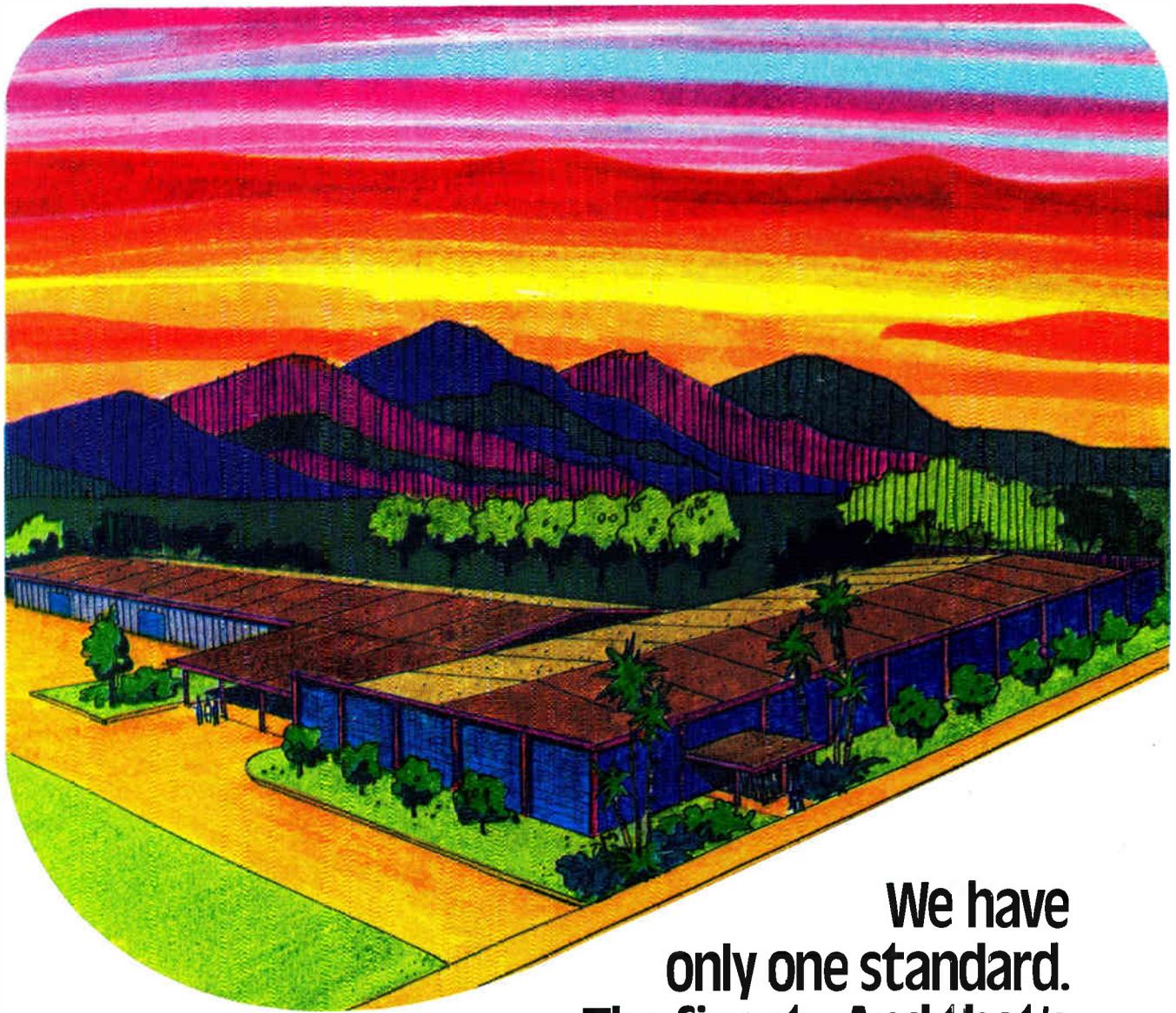
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We have
only one standard.
The finest. And that's
how it's going to be at our new cable plant.

Coming soon:



Phoenician
COAXIAL CABLE

We knew it was the one way to be certain that the cable in a system matched the meticulous engineering, manufacturing and performance standards of our Phoenician and Phoenician XR Series electronic equipment.

Our million-dollar, 60,000 square-foot plant nearing completion in Phoenix will be the most modern facility of its kind in the world. Both coax and house drop cables will be manufactured. And they'll be available soon. Watch for the announcement.

KAISER
CATV

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