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January 12, 1970

CATV

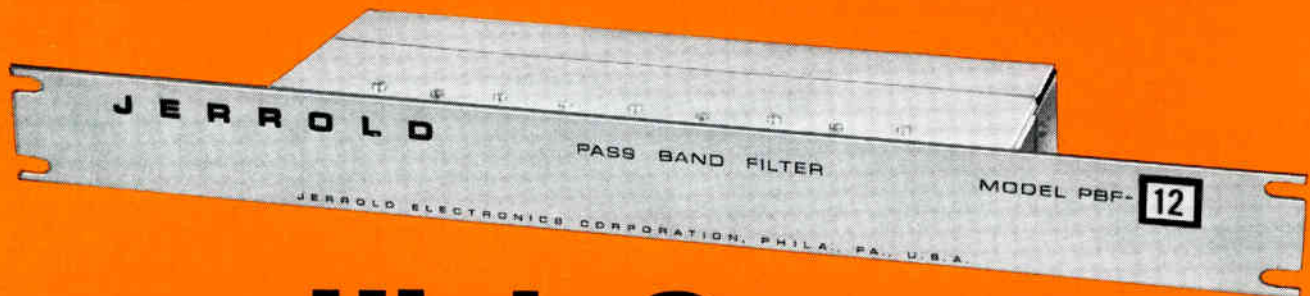
Authoritative Newsweekly of Cable Television



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OUR COVER

Fathom that! TelePrompTer's system in Riviera Beach, Florida, had to take to the water when confronted by one of the many boat canals slicing through the nautical residential areas along Florida's Gold Coast near Miami. To span this particular canal took Manager Vern Coolidge's crew a little less than four hours. Here, a CATV frogman prepares to dive.

CATV

Authoritative Newsweekly of Cable Television

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First-time cable TV association guest, FCC Chairman Dean Burch becomes focus of attention of CATV industry at Rocky Mountain Association meeting.

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New Telco hot spots are California and Midwest. California CATV Association petitions FCC and California PUC for cease and desist order, while Mid-America Association receives rate increase notice.

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United Transmission sold to Harriscop for \$11 million. Operation of ex-telco systems continues substantially the same; Ralph Hembree retains management position.

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Texas MSO plans microwave system to link CATV interests with telecommunications boom. Has plans to submit to Commission for approval.

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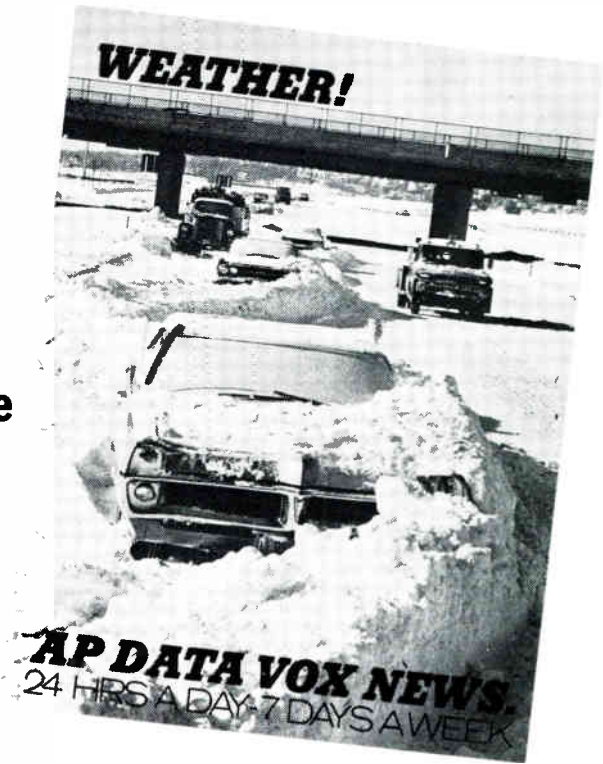
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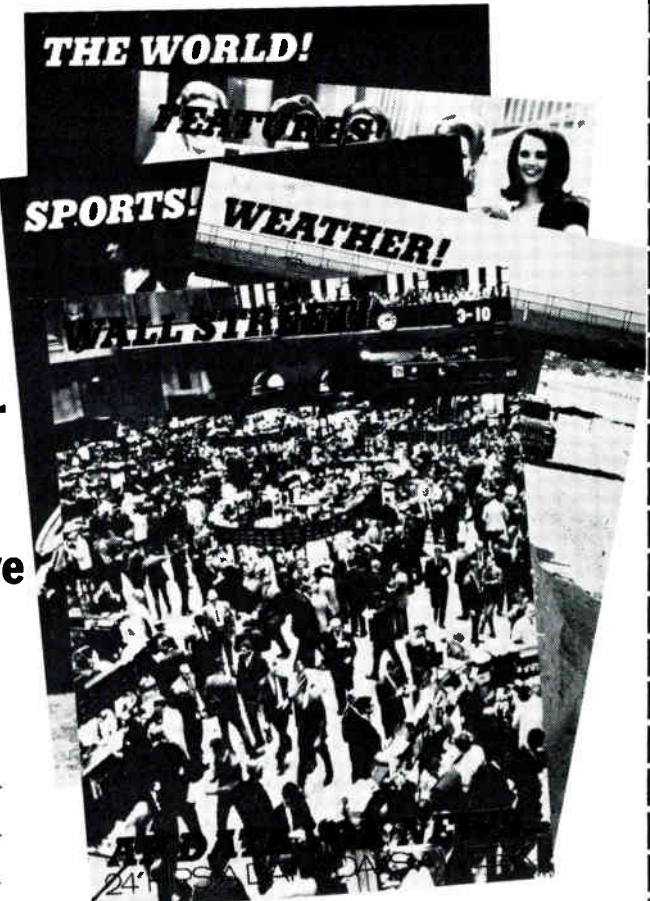
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Robert A. Searle
Editor

Caution on Cablecasting Purchases

With 1970 still in its earliest weeks, it is apparent that this will be the “year of local origination.” While large-system cablecasting will not become mandatory until a year from now, the FCC’s First Report and Order has already had a measurable impact upon the industry . . . and cablemen are encountering both expected and unexpected problems.

Operators whose expertise lay in engineering and small business management are suddenly faced with a host of brand new problems much more akin to the world of broadcasting than to the “old” CATV operations. It is suddenly critically important to know the hows and wherefores of such things as programming schedules, advertising rate cards, production techniques and program suppliers.

Of course system operators are being offered a considerable amount of “help” with all of these things—and in some cases it’s “help” the operators can ill-afford to take. Industry people report a veritable deluge of origination related programming suppliers has come on the scene since passage of the origination order.

Many of the new concepts and new people do indeed represent legitimate new sources of software supply. But many offer only costly gimmicks and worthless products. For the novice cablecaster, the distinction is not necessarily an easy one to make—which is understandable considering that many seasoned veterans in various businesses get “taken” every year.

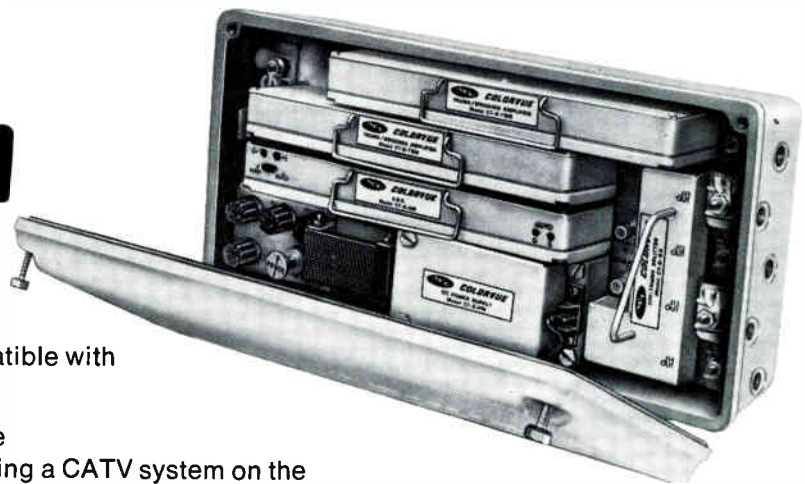
The wise cablecaster will doublecheck his supplier and his product *before* signing any contract. A telephone call to NCTA or to another CATVer who has been using the supplier’s programming may cost a few dollars . . . but it’s not nearly as expensive as that contract could be. Hopefully, 1970 will see a beefed-up agenda of seminars and workshops offering practical “how-to” pointers on dealing with the bewildering array of new problems. Meanwhile caution ought to be the watchword.

Similar care should be taken in the selection and purchase of local origination hardware. A closed-circuit camera may produce a fine picture on the camera viewfinders or video monitor, but the picture that camera produces at the end of a long amplifier cascade may be quite a different story. A number of cameras and video tape recorders available produce pictures which are not even stable enough to be converted from video to RF frequencies.

The wise operator moving into cablecasting will invest dollars in professional consulting services and in calls and visits to existing cable systems where origination has been a part of the daily diet for a period of time.

Most suppliers of software and hardware to the CATV industry can be trusted. However, since there are less than perfect “deals” available, a cautious move into origination is the best move, even if it may not be the fastest or least expensive.

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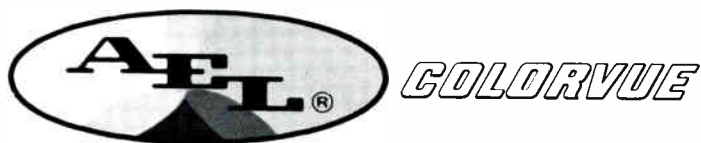


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Burch Recommends CATV Bureau for FCC At Rocky Mountain Association Meeting

In speech generally favorable to CATV industry, FCC chairman, Dean Burch says CATV must fare on its own . . . be patient. New NCTA president, Donald Taverner, makes first meeting appearance.

FCC Chairman Dean Burch last Friday night said that "I have already recommended to my fellow commissioners that we elevate our CATV Task Force to the status of a full-fledged CATV Bureau, with resources and functions equal to the magnitude of this industry's challenges and to the Commission's role in its development.

The occasion was the Rocky Mountain Cable Television Association's annual meeting at the Safari Hotel in Scottsdale, Arizona and it was the first time that Burch has appeared before any CATV association. Also speaking at the meeting was new NCTA president, Donald V. Taverner who, like Burch, was a first-timer at speaking formally to a group of cablemen.

In a speech generally friendly toward the cable industry Burch told the association that "there is a growing feeling that we are not getting from it enough variety, enough sharing of opinion, enough local service, enough opportunities for the multitude of voices waiting to be heard." He was speaking of television and he warmly endorsed the option of CATV's expanding public service, though he stressed that "cable and television are part of the same business and we have to figure out how to balance it out and make it work together."

Evolve Into Broadcasting

He stressed that CATV would never replace television but he did emphasize a belief that CATV will grow in importance. "With originations, commercial sponsorship, and interconnection," Burch said, "cablecasting will evolve into broadcasting in a new dimension. It can fulfill the traditional broadcasting functions of entertainment and information—and hopefully in new ways.

"When it comes out on a home receiver, the viewing experience is the same whether the signal is picked out of the air or delivered on the cable," Burch

said. "You can expect then that most of the rules governing broadcast stations will eventually find their way into cablecasting."

Burch outlined these questions the FCC now faces in regard to cable regulation:

Who should be permitted to own the systems and how to apportion the federal state responsibilities?

Multiple and cross-ownership limitations.

The common carrier implications of the availability of the excess channel capacity.

Appropriate technical standards.

Burch stressed that "an early order of business has got to be development of an information base to tell us exactly where the systems are, what they're doing, who owns them and their impact on broadcast television. On all of these—and the other questions that open up—we need to solicit the help of all those in any way involved with the evolution of cable and concerned with the development of the most efficient national communications system."



Burch: "full-fledged CATV Bureau"

He acknowledged that critics of the Commission have complained that regulation of the cable has been slow and has delayed development of the indus-

try. He also said, "What has been going on is the urgent search for an accommodation that will permit it (CATV) to develop without at the same time damaging unnecessarily the present structure of broadcast television. I certainly don't propose that a generation of broadcast engineering and know-how be discarded."

(Continued on page 17)

Utility Trouble Aloft: CATVers React in Defense

The relaxed posture of telephone companies toward CATV during recent months has stiffened, according to two California Community Television Association filings and to a verified report that Southwestern Bell Telephone Co. is increasing pole rental rates.

Southwestern Bell has irked cable operators in its territory with news of an increase of \$.50 every six months until 1971. Although NCTA is pursuing the matter with AT&T, nothing has been done as yet at FCC level to contest the rate rise. Eventual rates of \$5.00 per pole will be finalized on July 1, 1971, under the Southwestern plan.

The California Association has requested relief from the FCC in the form of a cease and desist order directed to defendants General Telephone Company of California, General Telephone and Electronic Corp., GT&E Service Corp., GT&E Communications, Inc.; and power company, Southern California Edison Co. The filing concerned possible increase of rates for pole attachments.

In a separate filing, the association also petitioned the California Public Utilities Commission for relief from the increased pole attachment rates. The PUC petition named defendants General Telephone Company of California and Southern California Edison Co.

The association in both filings asked for immediate action against General Telephone of California and Southern California Edison Co. in that they be required to file tariffs pursuant to the rules of the respective commissions for all services rendered to the CATV industry, including pole rental rates, practices and procedures.

(Continued on page 20)

United Utilities Sells CATV Branch to Harriscope

Harriscope Broadcasting Corporation has bought United Transmission Incorporated, operator of 39 CATV systems serving 40,000, for \$11 million. The transaction was between Harriscope and United Utilities Corporation.

The acquisition lifts Harriscope's CATV holdings to 48 systems. According to Harriscope president, Burt I. Harris, the move expands the firm into major CATV status with ownership, management and direct involvement in systems serving in excess of 110,000 subscribers.

The new subsidiary will continue to operate out of its offices in Kansas City, Kansas, under the direction of Ralph E. Hembree. Harris emphasized that the company anticipates no substantial changes in either personnel or administrative policies of its new subsidiary.

Overall supervision of the new cable television arm of Harriscope will be handled out of the firm's home office in Los Angeles under the direction of Geoffrey M. Nathanson, executive vice president and director of CATV.

Foremost among the United Transmission CATV properties are systems in Kingsport, Tennessee; Chambersburg, Pennsylvania and Sidney, Ohio. Other systems are located in Rockport, Tarkio, Fairfax, Lebanon, Warrensburg, Warsaw, Windsor and Waynesville, Missouri; Hiawatha and Russell, Kansas; Albia and Guthrie Center, Iowa; Warsaw, Indiana; Hood River, Oregon; Lancaster County, Martinsburg, Roaring Springs, Claysburg, Newport and Reedsville, Pennsylvania; Abingdon, Galax, Gate City, Weber City and Saltville, Virginia; Erwin, Greenville, Church Hill and Mount Carmel, Tennessee; Dublin, Hico, Navasota and Stephenville, Texas.

With the purchase of the United systems, Harriscope also assumes the management of the Jefferson-Carolina CATV systems in the southeastern United States, serving approximately 27,000 subscribers in such cities as Charlotte, Greensboro and Raleigh, N. Carolina, and Savannah, Georgia. The Jefferson-Carolina system is jointly owned by United Utilities and Jefferson Standard Life Insurance Company.

Harriscope is a privately-held corporation, which owns television stations in Bakersfield, California (KBAK-TV); Billings, Montana (KULR-TV); Great Falls, Montana, (KFBB-TV); and Casper, Wyoming (KTWO-TV-AM). The company has significant broadcast investments in Albuquerque and Santa Fe, New Mexico, (KGGM-TV-AM and KVSF), and in Chicago, (WSNS-TV, a new UHF station presently under construction.)

Harriscope's CATV interests include systems in Palm Springs, Malibu, Bakersfield, Delano, Wasco, Shafter and McFarland, California; Flagstaff, Arizona and Billings, Montana.

Burt Harris announced that the United Transmission purchase is the first in a new series of major CATV acquisitions presently under negotiation, the successful conclusion of which will place Harriscope among the nation's top three or four cable companies.

TPT Revises Terms For Acquisition of Volt

TelePrompTer Corp. and Volt Information Sciences Inc. have announced revised terms for the merger of Volt into TelePrompTer.

TPT said the revision reflected both the sharp recent rise in the price of its stock and the belief by TPT that Volt's earnings in the fiscal year ending last October, were not what was expected.

The new agreement, which is expected to be signed within the next few days and is subject to approval by stockholders of both companies, calls for an exchange of eight shares of Volt common stock for one share of TelePrompTer common.

Under terms originally announced last October 13, one share of TPT common and one of a new class of TPT preferred would have been involved for each ten shares of Volt common.

MEETING CALENDAR

JANUARY

13-14—Jerrold Technical Training Cable Television Seminar. Manger's Motor Inn, Charlotte, N.C. For further information contact Jay Lerman, Jerrold Electronics Corp., 401 Walnut St., Philadelphia, Pa.

15-16—Louisiana Association of Cable TV Operators, annual convention. Royal Sonesta Hotel, New Orleans, Louisiana. Contact Lytle Turnley, chairman, Box 369, Kaplan, La.

16-17—Georgia Cable Television Association Annual Meeting. Gordon Hotel, Albany, Ga.

19-20—Anaconda Electronics technical training Cable Television seminar. Grand Hotel, Anaheim, California. To attend contact Kirk A. Hollingsworth, Anaconda Electronics Company, 1430 South Anaheim Blvd., Anaheim, California 92803, phone 714-635-0150, extension 343.

20-21—Jerrold Technical Training Cable Television Seminar, Holiday Inn, New Stanton, Pa. For further

information contact Jay Lerman, Jerrold Electronics Corp., 401 Walnut St., Philadelphia, Pa.

20-22—Vikoa Technical School, Johnstown, Pa. Contact Brian Doherty, Vikoa, Inc., 400 9th Street, Hoboken, N.J. Call collect (201) 656-2020.

26-28—Kaiser CATV Technical School, Los Angeles, Calif. To attend contact Ray Kerbaugh, Kaiser CATV, 3708 S. Marine St., Santa Ana, Calif., Phone (714) 545-7419.

FEBRUARY

1-7—National Cable Television Week

4—Congressional Reception for National Cable Television Week. Mayflower Hotel Grand Ballroom, 6:30 p.m. in Washington. Contact Chuck Walsh, NCTA.

10-12—Vikoa Technical School, Charleston, West Virginia. Contact Brian Doherty, Vikoa, Inc., 400 9th Street, Hoboken, N.J. Call collect (201) 656-2020.

24-26—Vikoa Technical School, Toronto, Ontario, Canada. Contact Brian Doherty, Vikoa, Inc., 400 9th Street, Hoboken, N.J. Call collect (201) 656-2020.

State Microwave System Announced by Texas MSO

Communications Properties, Inc. has announced plans to become involved in the data transmission business by filing an application to build a statewide microwave network.

In an application to be submitted to the Federal Communications Commission, the firm will ask permission to build a telecommunications system in an area bounded by Dallas, Fort Worth, Waco, Austin, San Antonio, Houston and Beaumont.

The multi-million dollar system will be engineered to emphasize data circuits for commercial and industrial users of communications systems, Jack R. Crosby, CPI president, explained. The system will also be designed to accommodate electrical signals used in facsimile transmission, control, remote metering, and voice communications.



Crosby: plans microwave service

Crosby pointed out that he and other members of the CPI management team had been closely involved during the past ten years in the development of microwave systems to supply video transmission to CATV systems throughout Texas.

"Now our research indicates that the common carrier microwave business should expand rapidly during the next five years in a growth curve paralleling the computer time-sharing industry," he said. "Our proposed system—if approved by the FCC—will place CPI as a forerunner in the development of data transmission services."

CPI's proposed system will consist of

some 20 stations operating simultaneous transmissions on two bands of the radio spectrum. Each band will utilize IF heterodyne equipment and will permit loading of 1,200 voice grade (4 kHz) channels on each band. CPI plans to offer interconnection to the customers' existing intercommunication system utilizing equipment as desired by each customer.

"We feel the system we are proposing," Crosby said, "will allow the customer to be as flexible as he wishes in utilizing intra-state communications." This means, he explained, that a customer can divide or utilize his assigned bandwidth in any way he sees fit without incurring additional charges.

The only basic limitation would be that the customer's interface equipment be compatible with CPI equipment.

Operator of the system will be CPI Microwave, Inc., a wholly-owned subsidiary.

Pensacola System Plans "Sub-Group Programming"

Pensacola Cablevision, Inc., the Florida system which was the first to file for distant signal importation under the FCC's interim rules a year ago, has renewed its request for distant signals. The cable firm is basing its appeal on the programming it can make available for Pensacola, Florida's Black community.

Immediately after Pensacola Cablevision filed its first distant signal

petition last January, the FCC "clarified" its interim rules to specify that a system needed program-by-program retransmission consent rather than a blanket letter of consent from the distant station. In its newest filing, the cable firm has included program-by-program consent for the station-produced programming and for one syndicated program.

The system, owned by Davis Communications, pointed out that at present there is no significant programming effort by area stations directed to the needs and desires of Pensacola's Black community. WWOM-TV, New Orleans, carries a heavy schedule of Black-oriented programming, however, and it is this station's signal which Pensacola Cablevision wishes to carry.

In addition, Cablevision has asked the FCC for permission to carry two daytime-only radio stations, WPFA (a Country and Western station) and WBOP (Pensacola's only Negro-oriented station). Pensacola Cablevision and WBOP also hope to work together to establish evening cablecasts along the same lines as the radio station's regular programming.

Pensacola Cablevision strongly urged the Commission to allow it to serve the "unmet needs" of a "substantial subgroup" of Pensacola viewers. Further, the cable system invited the FCC to condition distant signal approval on a proposed local origination plan. Supplementing commercial broadcast fare, the cable system is willing to commit itself to a 20-hour-per-week schedule.

NCTA Moves Quarters

NCTA has set January 17 as the target date for moving its Washington national headquarters from One Farragut Square South to 918 16th Street, N.W., a couple of blocks away. The zip code of its new address is 20006.

NCTA's new offices in the World Center Building will add about 3,000 square feet of floor space to its present accommodation's total. The new offices will be on the eighth floor. "Since the association moved to its present location in February 1967," NCTA said, "the staff has increased by more than one-third."

Cable Week Lists Session For Legislative Discussion

The afternoon before the NCTA's congressional reception at the Mayflower Hotel in Washington, February 4, will be devoted to a discussion of CATV's legislative concerns, with all cable operators being invited to the 1 p.m. session.

The reception that evening will honor new NCTA president Donald V. Taverner, and a substantial Capitol Hill turn-out is expected. Cable operators from around the country have been invited to attend.



On Capitol Hill

Copyright Will Bow to Politics In Upcoming Congressional Session

CATV Washington Bureau—It is now “between sessions” in Washington, a time when little Capitol Hill activity appears on the surface and a lot takes place in the minds and private meetings of politicians. The second session of the Ninety-first Congress will begin a week from now, on January 19. As far as the CATV industry is concerned, the most important legislation it will have to consider is the Copyright Revision Act. Just what are its chances? In order to make even an approximate guess, the legislative battle for fair cable law must be viewed against the backdrop of the entire session.

First of all, an overwhelming emphasis this year will be put on politics. The battle lines, to a large extent, already have been drawn. Last year, as this column predicted, the Republican administration tended to accuse the Democrat-controlled Congress of “do-nothingism,” while the Democratic leadership responded by charging that it was acting slowly only because President Nixon was so molasses-like in proposing legislation.

In many important respects, the two parties managed to ignore their differences and cooperate. Such cooperation is going to be more and more difficult to effect, however, as the November elections approach. Nixon and his party would like to capture both the House and the Senate—an extraordinarily hard task, but not an impossible one.

All of the House seats will be up for election and about one-third of the Senate seats. It is theoretically possible for the GOP to get firm control of Capitol Hill as well as the White House. But in order to do so—or make a half-way serious attempt—it will be necessary for Republicans to make a strong attack on the Democratic party. Not only will Democrats dislike this, they will fight back. The political squabbling is certain to become acrimonious at times, and legislative maneuvering will tend occasionally to center less around the public good than political one-upmanship.

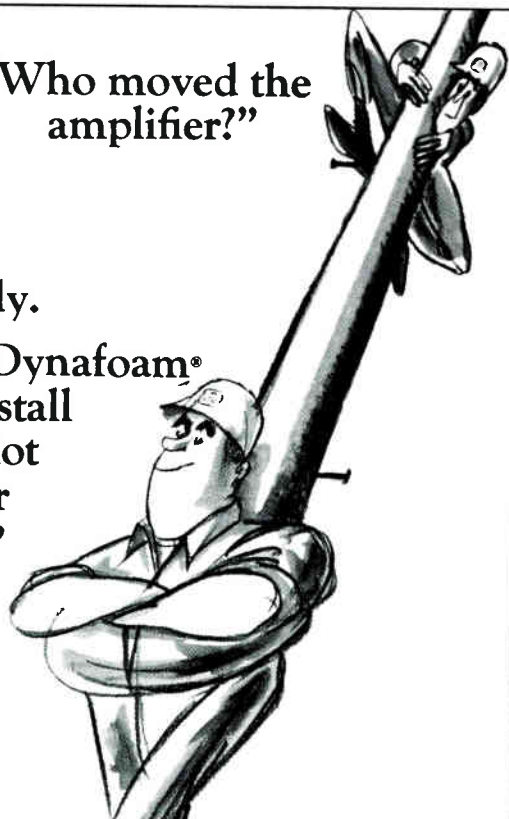
It is highly unlikely that severe partisan disputes will involve the copyright law directly, but indirect influences may be great. It is a highly complex piece of legislation, and one that, in order to be passed, must be weighed with the greatest goodwill and nonpartisanship possible. For a session of Congress that will be preoccupied by party fights and desperately hurrying to adjourn with the greatest possible time left to campaign for the November elections, careful and objective review of copyright legislation will be a virtual impossibility.


The Senate Judiciary Committee will not get around to judging the legislation until a couple of months from now—which in itself signals a running out of time. CATVers, broadcasters and copyright owners will be lobbying furiously on the CATV provisions of the bill. The broadcasters will be trying to kill another provision as well; one that would charge them more for using recordings on the air. Every day’s delay and every political disruption will work to the benefit of opponents of the bill.

The Senate is smaller and less balanced than the House and has only one-third of its members up for reelection. Of the two houses of Congress, the Senate definitely is the brighter prospect for legislative action on the copyright bill. Even the Senate is a long-shot, but the House, which would also have to approve the legislation, is almost legislatively impenetrable. A copyright bill got past the House a couple of years ago—but only after the CATV provision was stripped out. The bill the Senate is sending back is vastly more complex and more controversial, though many House members would find it hard to believe that complexity and controversy could be raised to a higher level than achieved by their old copyright bill. Broadcasters can readily exert a high degree of pressure on the House to ignore legislation when it is preoccupied with partisan in-fighting and adjournment for reelection battles.

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POREBS

Moving Up

TelePrompTer Corporation has announced the appointment of *Richard S. Lanahan* as manager of its Riviera Beach cable television system located north of Miami along Florida's fast-growing Gold Coast. In his new assignment Lanahan will report to Vern Coolidge, general manager of TelePrompTer's Florida east coast complex. Lanahan comes to the system from a sales post with Roadway Express of Pittsburgh. He attended the University of Virginia and during World War II served as a captain in the U.S. Air Force.

Ernest G. Crane has been appointed director of engineering for the Communication Systems Division of Sylvania Electric Products Inc. Sylvania is a subsidiary of General Telephone & Electronics Corporation. Crane directs the design of radio and wire communication systems for military and civilian applications and monitors technical studies and analyses of modulation, propagation, coding, and switching techniques. Prior to joining the firm, he was principal scientist and program director for Tracor, Inc. He received a bachelor's degree from Duke University, and holds a master's degree from Stevens Institute of Technology. He also has studied at Bowdoin College, Rutgers University, and Massachusetts Institute of Technology.

International Video Corporation has announced three additions to its marketing staff. *Carl H. Rosekrans* has been named Southern regional manager, and will be headquartered at IVC's Atlanta office. Rosekrans formerly held several marketing posts with Sylvania's Commercial Electronics Division.

Herbert J. Van Driel has been appointed Midwest regional manager. He was formerly with Ampex Corporation, Elk Grove Village, Ill. as regional market development manager. He will be located in IVC's Des Plaines, Illinois office. *Less Knight* has been named district sales manager, industrial and educational products. He will be headquartered in Los Angeles. Previously he was Western regional sales manager for Bell & Howell video products division.

Ronald H. Filius has been appointed manager of the Orange, California, plant of the Anaconda Wire and Cable Company. Filius succeeds *Charles E. Van Hoy*, who has been named manager of the firm's manufacturing operations at Marion, Indiana. Joining Anaconda after his graduation from Michigan State University with a degree in chemistry in 1961, Filius began as a chemist at the company's magnet wire plant in Muskegon, Michigan. When the company built its new magnet wire plant in LaGrange, Kentucky, he was transferred as technical director. In 1969 he was appointed superintendent at the Orange plant. Van Hoy has been manager at the firm's plant in Orange since 1961. Previously, he had been superintendent at the plant at Muskegon, Michigan. He started with Anaconda in 1953 at its Marion manufacturing facility as an engineer, after having been with Magnavox and Dana Corp.

Kaiser CATV, Phoenix, Arizona, has announced the appointment of *Preston B. Foster* as assistant Northeast regional sales manager. Prior to joining the firm, Foster was sales supervisor for Graybar Electric Company in St. Louis, Missouri. He will be in charge of the firm's sales office in St. Charles, Missouri, with the sales territory including West Virginia, Kentucky, Ohio, Illinois, Michigan, Pennsylvania, Wisconsin and Indiana.

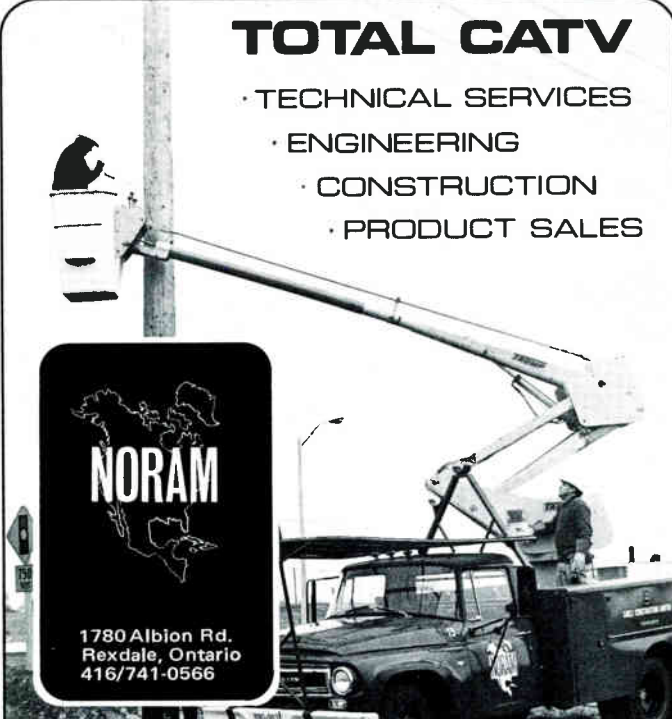
Berkey-ColorTran, Inc. (a Division of Berkey Photo, Inc.) has announced the appointment of *Jon Clayton* as Regional Marketing Manager for the California based division. Clayton will headquarter in San Francisco, franchised dealers in northern California, Idaho, Montana, northern Nevada, Oregon, Utah and Washington.

Donald G. Gilbert has been named as system manager of Orange CATV Inc. He is the former manager of Micom Cable Co. of Miami, Oklahoma. He has 19 years of experience in broadcasting and cable television.

Robert Beisswenger, Bill Brazeal, Sam Haddock, R.H. "Hank" Symons, and John Walson have been appointed to NCTA's Nominating Committee for 1970.

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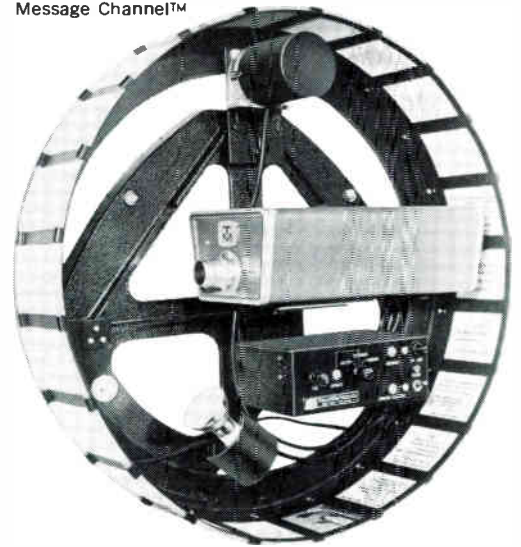
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The heart of our system is the TMC-2100 Camera. You can go anywhere from there. The basic camera operates as a self-contained unit, or it can be incorporated into multi-camera systems. With TeleMation accessory equipment it can perform to broadcast standards in high-quality live camera or film chain applications.

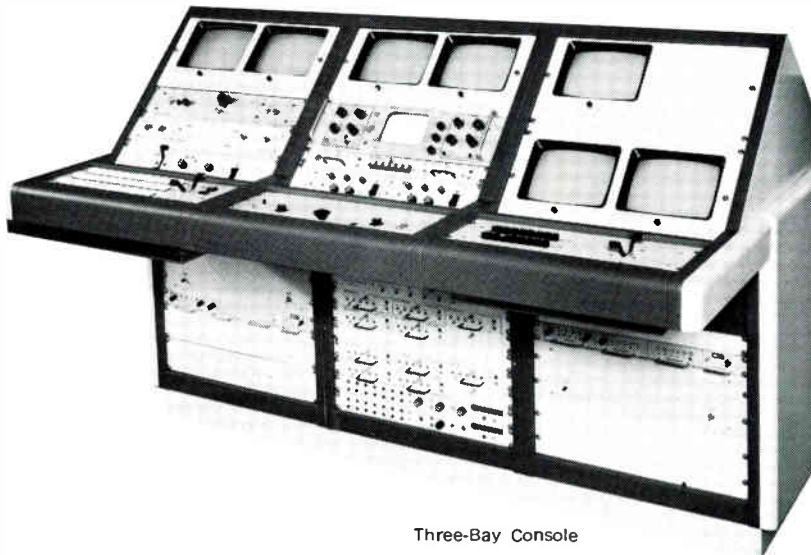
Our Three-Bay Console houses professional studio systems. One man can simultaneously operate a variety of closed-circuit or broadcast production equipment. The Three-Bay Console can include TeleMation video switchers, audio controls, camera control units, special effects, remote control panels for video tape recorders and film chains, video and pulse distribution amplifiers, and picture and waveform monitoring equipment.



If you need an automatic message center, take a look at our MESSAGE CHANNEL.™ It displays twenty-four 3" by 5" message cards or photos, displaying a unit anywhere from 4½ seconds to 30 seconds each. And it will operate automatically in any of three modes: full sequence, stationary or sector — (repeat scanning) any selected number of message units.

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It could be the start of a beautiful system.



Three-Bay Console



TELEMATION, INC.

The Total System Supplier

2275 South West Temple
Salt Lake City, Utah 84115
(801) 486-7564

Franchise Activity

CALIFORNIA: Corona: The city council has passed on second reading an amendment to its enabling ordinance. The council has also revised the deadline for submitting franchise applications to Feb. 2. . . . **Green Valley Lake:** Silver King Community TV, Inc. has secured a franchise for the area. . . . **Ridgecrest:** The city council has an enabling ordinance under consideration.

ILLINOIS: Marion: Marion Cable Television Co., a division of Cable Television Information Service, has been granted a franchise by the city council.

INDIANA: Kokomo: C & H Video Cable Corp. has submitted its bid for a 25-year, non-exclusive franchise to the city's board of public works and safety. Booth American, Inc. was granted a franchise for the area in 1966.

KANSAS: Tribune: Three E TV Co. of

Dodge City has submitted its franchise bid to the city council.

MISSOURI: Bethany: Haw Enterprises, Inc. has submitted its franchise bid to the city council.

NORTH CAROLINA: High Point: Carolina's Cable, Inc. and Tabor-Spry & Associates, Inc. have each submitted franchise bids to the city council.

NORTH DAKOTA: Fargo: The city commission has awarded an exclusive, 25-year franchise to Upper Midwest Brokers, Inc.

OHIO: Point Pleasant: The city council has granted a franchise to Paul Crabtree and Associates. Maximum rates have been set at \$22.50 installation; \$6.50 monthly. . . . **Van Wert:** Coldwater Cablevision, Inc. and Neptune Broadcasting Corp. have each submitted

franchise bids to the city council. United Transmission, Inc. presently holds a franchise for the area.

PENNSYLVANIA: Forest Hills: The borough council has awarded a franchise to Centre Video. . . . **Houtzdale:** The borough council has granted a 15-year exclusive franchise to Telesonic Associates of Brookville. . . . **Millcreek:** Millcreek Cable TV, Inc., has submitted its franchise bid to the city council. . . . **Windsor Township:** Township supervisors have awarded a 10-year, exclusive franchise to Garden Spot Cable Service.

WEST VIRGINIA: Pt. Pleasant: The city council has awarded a franchise to Paul Crabtree and Associates, Inc. of Charleston.

WISCONSIN: Lake Geneva: Southern Wisconsin Co., Inc. has been granted a 10-year franchise by the city council. . . . **Milton:** Stoughton Cable Television and Total TV of Janesville have each submitted franchise bids to the city council. . . . **Oregon:** Viking Media, Inc. has submitted its franchise bid to the village board.

System Construction

CALIFORNIA: Bay Cablevision Co. is presently in the process of locating a tower site before constructing its system which will serve **Richmond**.

Northern California Cable Television has asked the **Willows** city council for permission to raise its monthly rate by \$1 to \$5.95 monthly. The firm offers subscribers 9 video channels.

INDIANA: Crawfordsville Community Cable Television, Inc. has announced the addition of a late afternoon news cablecast from the offices of the local paper to its system which serves **Crawfordsville** subscribers with 10 video channels.

MARYLAND: Lexington Park Cable-Video, Inc. has announced that construction is nearing completion on its system which serves **Lexington Park**.

NEW YORK: Beacon Cable Corp. has

received permission from the **East Fishkill** town board to raise its monthly rates from \$5 to \$6. The firm offers subscribers 11 video channels.

PENNSYLVANIA: United Transmission, Inc. has announced that the rebuild of its system which serves **Reedsville** is nearing completion. The project has included the replacement of both cable and amplifiers.

SOUTH CAROLINA: Television Cable Co. has announced the addition of ETV to its previously 8 video channel system which serves **Myrtle Beach**. The firm also announced plans to add Charlotte's WSOC-TV in the near future.

TEXAS: Callahan TV Cable Service, Inc. has announced that the tower to serve its system in **Callahan** is presently under construction.

King Cable TV has announced that

hook-ups are presently being made in **Groves, Nederland** and **Port Neches**. The firm is offering subscribers 12 video channels.

WASHINGTON: Northwest Cablevision has announced that work is nearing completion on the rebuild of its system which serves **Issaquah**.

Teletronics, Inc. is presently conducting feasibility studies in **Port Orchard**. The firm hopes to have service available to the community this year.

WEST VIRGINIA: Armstrong Utilities, Inc. has announced that construction of its system to serve **Hamlin** and **West Hamlin** is nearing completion. Rates for the 7 video channel system have been set at \$10 installation; \$5 monthly.

ONTARIO: London TV Cable has announced the initiation of local programming on its system which serves **London**.

Richmond Hill Cable TV has announced that construction of its 11 video channel system to serve **Woodbridge** is presently under way.

Digest of Earnings

BENDIX CORP.

Year Sept 30:	1969	1968
Share earns	\$3.71	\$3.19
Sales, etc	1,467,917,091	1,430,190,514
Income	50,765,562	43,949,305
Spec credit	5,415,586	
Net income	56,181,148	43,949,305
Com shares	12,493,214	12,356,740

Bendix Corp. has entered into a joint venture with TeleVision Communication to study international market and investment opportunities for CATV.

DELTA ELECTRONICS, LTD.

6 month Oct 31:	1969	1968
Sales	\$711,428	\$702,672
Operating income	91,373	103,698
Net income	40,536	49,689

Revenues and per-share earnings of Cox Cable Communications, Inc., for 1969 will both show gains of about 15 percent over 1968 results, according to estimates by J. Leonard Reinsch, president.

In 1968, Cox Cable reported earnings of \$.33 per share on operating revenues of \$8.3 million. Reinsch attributed Cox Cable's favorable 1969 performance to internal subscriber growth of 10 to 15 percent and to the benefits of the company's acquisition program.

Industry Stocks

Stock	Stock Exchange	This Week	Last Week	Year High	Year Low	Shares Outstanding
Ameco	AM	14 5/8	15 3/4	16 1/8	7 1/2	1,200,000
Amer. Elec. Comm.	OTC	7 3/4	6 1/2	16 1/4	5 5/8	1,516,432
Amer. TV & Comm.		22 1/4	20 3/8	22 1/4	11 7/8	1,775,101
Avnet		12 5/8	10 7/8	36 1/2	10 7/8	9,909,054
Cable Info Systems	OTC	2 3/8	2 3/8	4 5/8	2 3/8	955,000
Cablecom General	AM	23	21 5/8	25 1/2	8 3/8	1,605,000
Citizens Fin. Corp.	AM	12 3/4	12 3/8	28 3/4	11 7/8	994,689
Columbia Cable	OTC	13	13 7/8	14 1/2	9	876,000
Comm. Properties	OTC	7	6 7/8	10	4 1/2	644,621
Cornelia Corp.	OTC	5/8	1	5 1/4	5/8	
Cox Cable Comm.	OTC	25 1/4	25 1/4	25 1/4	13	3,550,000
Cypress Comm.	OTC	15 1/4	14 3/4	19	10	839,000
Entron	OTC	7 5/8	2 1/2	11 1/4	2 1/8	600,900
Famous Players Ltd.	C	12 1/2	12 1/4	19 1/4	11 5/8	6,948,000
General Inst.	NY	29 3/4	28 1/2	42 1/2	27 5/8	6,026,000
Gulf + Western	NY	19 3/4	18 3/4	51 5/8	17 5/8	15,120,860
H&B American	AM	25 1/2	26 1/2	27 1/4	13 5/8	4,972,589
Kaufman & Broad Inc.		49 3/8	48 3/4	50 1/8	29 1/2	3,900,909
Lamb Comm. Inc.	OTC	6 3/4	7 1/2	10 1/4	3 1/4	2,468,284
LVO Corp.	NY	8	7 5/8	13 1/4	7 3/8	5,692,078
Maclean-Hunter	C	17 1/2	17 5/8	18 7/8	13	2,000,000
Reeves	AM	14 1/4	14 5/8	35 1/4	12 7/8	2,163,000
Scientific-Atlanta	AM	7 3/4	6 5/8	17 7/8	6 1/2	903,442
SKL	OTC	4	3 7/8	8 1/4	3 1/2	650,000
Sterling Comm.	OTC	7 1/2	8 1/8	12 1/4	5 1/4	
TeleMation Inc.	OTC	20 1/4	20 5/8	30 1/2	14 1/2	1,086,735
TelePrompTer	AM	110 1/2	109	112	42 1/8	1,006,000
TeleVision Comm.	OTC	19 1/4	19 5/8	20 1/2	10 3/4	2,645,046
Vikoa	AM	25 1/2	27 3/8	32 1/2	21 5/8	2,183,382

These are Wednesday closing prices supplied by Dempsey-Tegeler. AM = American Exchange; NY = New York Exchange; OTC = Over the Counter; C = Canadian Exchange.

Give your subscribers the message with

Slide-Scanner!

The new R.H. Tyler Slide-Scanner gives great new versatility to your public service and advertising message requirements! Featuring the Concord MTC-18 camera and a Kodak 88-slide carousel projector, this compact (27" l. x 11" w. x 12" h.) unit gives you almost unlimited capacity for professional-looking messages. Slide-Scanner may be easily phased into Weather-Scan or Weather-Scan II operation. Inquire today for full details on this income-building unit for your system! R.H. Tyler Co., 1405-15th St., Wellington, Texas. (806) 447-5841.



Complete as shown only
\$1084

 **R.H. TYLER COMPANY**

The Originator of Time/Weather Equipment for Cable Television

Good Hearing From You

More on Copyright

Following is the text of a letter sent by cableman Robert McVay to his Congressman regarding the proposed copyright legislation:

Senator George Murphy
United States Senate
Senate Office Building
Washington, D. C. 20510

Dear Senator Murphy:

The Senate Subcommittee on Patents, Trademarks and Copyrights has reported out copyright legislation which would require all CATV systems to pay copyright royalties. I want to emphatically protest the discrimination involved in a part of the legislation as it has been reported out.

One section would allow CATV systems to import signals as necessary to

provide "adequate television service". In so-called "urban" areas, television markets 1 through 50, three networks, *three* independents, and one educational station would be allowed. In so-called "rural" areas, television markets 51 and below, three networks, *two* independents, and one educational station would be allowed.

This is rank discrimination against the rural CATV subscriber. In the above paragraph substitute the word "Caucasian" for "Urban" and the word "Negro" for "rural" and then tell me if you would vote for such a measure. Or tell me if you think that the Supreme Court would overturn such a law, if passed.

I'll argue against the right of a Senate Subcommittee to decide what is "adequate television service" for me or my subscribers. But, if they are to make

that decision, I'll vehemently protest against the favoritism of "urban" markets over "rural" areas.

For example, in San Francisco, residents can go to the legitimate theater, motion pictures, art museums, concerts, and many other cultural activities. In King City, we can do none of the above. So it would seem to me that "rural" residents need more, not less, television than "urban" markets in order to improve culture.

Do you agree with me that this is discrimination? What can we do about it?

Robert T. McVay
Southern Monterey County CATV
King City, California

Your letter, like those appearing in last week's issue, expresses very well the sentiments of many against the proposed legislation. Last week, the first of NCTA's regional meetings on the subject took place... let's hope that all cable operators get out to the meetings and let the Association people know their thoughts.



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instant programming

**10 hours of
COLOR
PROGRAMMING
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**Ampex
1-inch videotape
color playback
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only \$60 per week
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also available... our new
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NATIONAL CATV PROGRAM BUREAU, INC.

1050 WEST MOCKINGBIRD LANE

DALLAS, TEXAS 75247

638-6705 - PHONE

Burch, Taverner Say . . .

(Continued from page 7)

He said that one result of the delays of the Commission has been the development of copyright legislation. He noted Senator John McClellan's subcommittee has reported out a copyright bill with a CATV section. And he said that that "Senate action suggests that we may be closer to dealing with that fundamental problem. And at this moment in history, wise counsel would seem to suggest a little more patience."

In stressing the balance between television and cable that has to be reached Burch stressed that he "certainly can't say that you have a favored position." But, he promised, "I will say you're going to get a fair run for your money. And if you don't make it—which is always possible—it will be only because you do not have what our nation needs and wants. I suspect you will be prepared to take your chances."

Don Taverner, in his first appearance before a cable group, spoke on general observations of the future growth of the industry. He called for unity of cable operators and indicated that all cablemen should belong to NCTA so that they can have a significant part in CATV future rather than sitting on the sidelines and watching.

He expressed a belief that NCTA could be the most enlightened communications trade association. After a glowing introduction by NCTA National Chairman M. William Adler, he challenged cable operators to greatness now . . . not waiting for copyright or distant signal decisions.

CATV Engineer Forms California Company

The formation of Phasecom Engineering was announced today by Arie Zimmerman, president of the organization.

Phasecom Engineering will provide a wide range of engineering and manufacturing services. The firm specializes in the development of equipment geared to overcome CATV problems which are not being handled by currently available equipment.

One of the products now being mar-

keted is Phase-Lock, a phase-lock generator which eliminates co-channel interference.

Zimmerman, well-known throughout the industry, has been associated with Anaconda for the past seven years as an engineer in research and in sales and marketing on the national and regional levels.



Zimmerman: Phasecom founder.

He is the holder of numerous patents for CATV and other communications equipment.

Phasecom offices are located in Anaheim, California.

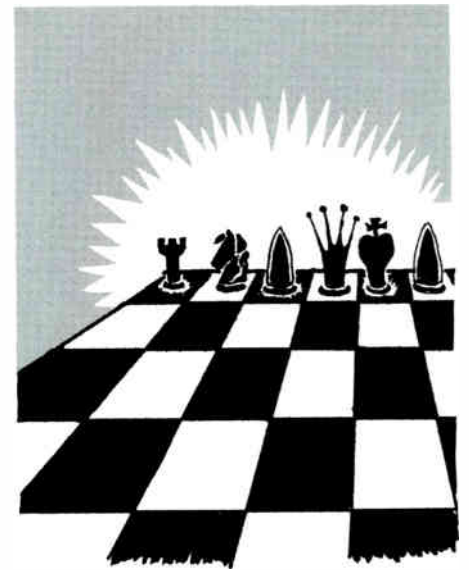
CATV to Compliment New Decade Says TV Guide

CATV has been listed as a mainstay in the "revolution in communications" predicted by the article "Here Come the '70s", published in last week's *TV Guide*.

The writers, Neil Hickey, Richard K. Doan and David Lachenburg, listed cable television along with satellite transmission of TV signals; publicly supported, noncommercial television; and TV-related gadgetry for home.

Krantz Returns to Owner

No, Krantz Films hasn't changed hands again! It was purchased by Vikoa in 1969 . . . and it remains Vikoa's despite the error in last week's *CATV* which awarded the firm to TelePrompTer. TelePrompTer, in 1969, acquired Filmways.



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Give us one hour of your time. And we'll give you the complete story of how to make the most on cable TV.

Write to Television Presentations, Inc., 375 Park Avenue, New York, New York, 10022. Or call (212) 421-9666. A subsidiary of Sterling Communications Inc.

Utility Trouble

(Continued from page 7)

The association also asked the commissions, pending the filing of the tariffs by the telcos, to require that they continue to issue and service pole use agreements in accordance with their publicly announced offerings. Edison's offering was prior to July 30, 1969, and General Telephone's offering, evidenced by a letter dated December 1, 1969.

Speaking of General Telephone of California's intent to raise pole rental rates from an annual rate of three dollars per pole to a rate of six dollars, the association said that at the same time the Telco was advising the FCC of its new policy for pole attachments, it was and is preparing to double its pole rental rate. CCTA said, "Its obvious goal would be to force its 'leased channel facilities' upon the CATV industry so as to maintain maximum control over all broadband communications within areas where it has monopoly status as a common carrier."

The association said the effect of such "uncontrolled avarice" is to forestall CATV competition from independent CATV operators within the firm's operating territories.

The CCTA noted that the power company, although not under direct jurisdiction of the FCC, must answer to the Commission to the extent that Edison rents pole space to communicators. Edison is covered by the 1934 Communications Act and ought to be subject to the requirement of filing tariffs, said the cable group. The association contended that Edison will not negotiate and that practices of the power company "constitute violations of that portion of Section 214 of the Act which provides that no carrier shall discontinue, reduce or impair service to a community or part of a community unless and until there shall first have been obtained from the Commission a certificate that neither the present nor the future public convenience and necessity will be adversely affected thereby."

The association noted that neither Southern California Edison nor General Telephone has filed tariffs with either the California PUC or the FCC. "Accordingly, rates practices, discrimination (or lack of it), costs,

revenue, plant investment (or lack of it) is in every respect left to the capricious control of 'regulated' monopolies operating without benefit of regulation." The CCTA said that this leaves the firms free to charge whatever they please.

The association's filing at the state PUC repeated its argument to the FCC, saying that "access to poles at a reasonable cost is essential to the continued viability and development of CATV."

Pooler Broadcasting Asks U.S. Court For Special Relief

Television station WJRT-TV in Detroit, which is owned by Pooler Broadcasting Co., has asked the U. S. Court of Appeals for the District of Columbia to review the FCC's decision denying WJRT's request for special relief to prohibit CATV carriage of Detroit-Windsor, Canada, TV signals.

Pooler wants the protection to apply to Flint Cable TV Co., which provides cable service to Flint, Mich., and nearby areas.

Copyright Sessions : Attendance Urged

NCTA last week began holding meetings at state and regional CATV associations to acquaint operators with the provisions of the CATV section of the pending copyright bill that was recently reported out of the Senate Copyright Subcommittee. NCTA will also use the meetings to gain insight into membership thinking in regard to the bill. NCTA has urged cablemen to attend one of the following:

Monday, January 12, 10:00 a.m.,
Thunderbolt Hotel, San Francisco,
California.

Thursday, January 15, 1:00 p.m.,
Netherlands Hilton, Cincinnati, Ohio.

Saturday, January 17, 2:00 p.m.,
Gordon Hotel, Albany, Georgia.

Monday, January 19, 10:00 a.m.,
In-Town Motel, Minneapolis,
Minnesota.

Wednesday, January 21, 2:00
p.m., Sheraton Wayfarer, Bedford,
New Hampshire.

UNDERGROUND

Construction Division of multiple system owner (8 underground) has spare capacity for Turnkey Projects.

Address inquiries to D. J. McGillicuddy
Vice President

P. O. Box 14038
Gainesville, Florida 32601

CHIEF TECHNICIAN

New system under construction in medium sized southern Alabama resort town needs chief technician to supervise construction and work into manager's position. Excellent growth opportunity for aggressive young man, including eventual ownership interest. Reply to CATV Weekly, Dept. W109-3.

SYSTEM MANAGER FOR LONG ISLAND

Experienced manager wanted by large MSO for large Long Island system. Require strong administrative background. Self-starter. Salary open. Send resume and brief letter to CATV Weekly, Dept. W109-4. All replies held in confidence.

TECHNICIANS

Immediate openings for qualified technicians in a CATV organization that is going places. If you are looking for challenge and an opportunity for advancement—send letter of application to: United Transmission, Incorporated, 2812 West 47th Avenue, Kansas City, Kansas 66103, Attention: R. C. Rhodes.

SYSTEM MANAGER

Experienced manager wanted by large MSO for New York system with large potential. Require strong sales background with some technical know-how. Self-starter, salary open. Send resume and brief letter to CATV Weekly, Dept. W-170-2.

JANSKY & BAILEY

BROADCAST - TV COMMUNICATIONS

Atlantic Research Corporation
Division of The Susquehanna Corporation
1812 K Street N.W.
Washington, D.C. 30006
Phone 202/296-6400

SOUTHERN CALIFORNIA OPPORTUNITY

Final date for submission of proposal for 20-year franchise is February 2. Corona 27,000 population is marketing center for 60,000 population. Growth potential of city alone exceeds 100,000 population. Information can be secured from City Clerk, 815 W. 6th Street, Corona, California 91720.

CLASSIFIED ADVERTISING

Rate for classifieds is 25 cents per word for advertising obviously of a non-commercial nature. Add \$1.00 for Box Number and reply service, per issue. Advance payment is required; minimum order is \$10.00. Deadline for all classifieds is two weeks before publication.

INSIDE SALESMAN

Wanted by one of the fastest growing companies in U.S. Exp. required in CATV field. Require ability to organize and direct telephone sales and administration of sales operations. Position calls for self starter with chance for rapid advancement. Salary commensurate with job requirements and individual experience. Send resume to L. Hannah, Pruzan Co., 1963 1st Ave. So., Seattle 98134. One of the Anixter Companies.

TECHNICAL DIRECTOR

Wanted by MSO headquartered in New York. Experience required in all phases of system design, maintenance, and operation.

Requires ability to organize and direct the activities of others and administer technical phases of system operations along corporate guidelines.

This is a corporate staff position which calls for working from office in New York City and considerable travel. Liberal company benefits apply, and salary is commensurate with job requirements and individual experience and ability.

An excellent opportunity for a technically competent, experienced CATV engineer with administrative ability.

Reply to CATV Weekly, Dept. W129-1.

CHIEF TECHNICIAN

Medium (60 miles) system in South Carolina requires experienced Chief. System, owned and operated by Suburban Cablevision Inc., has modern channel commander head end and solid-state amplifiers. Excellent company benefits, company vehicle provided. All moving expenses paid.

Send resume to:

**R. A. Gantert, Personnel Manager,
SUBURBAN CABLEVISION INC.**

P. O. Box 206, Whippany, N. J. 07981

REGIONAL MANAGER

Regional Manager opportunity with rapidly expanding CATV organization. Send resume and brief letter to CATV Weekly, Dept. W129-3.* Salary open. *Confidential box number.

MANAGERS

Get set for the seventies! If you have managerial abilities and are looking for an opportunity to advance in the CATV industry, send resume and brief letter to: CATV Weekly, Dept. W129-4.* Salary open. *Confidential box number.

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FOR CAREER IN
COMMUNITY ANTENNA TELEVISION (CATV)

JERROLD ELECTRONICS CORP., a major developer of community TV antenna systems, needs trainees for Electronic Technician positions. TV repair experience, military training or previous technical training required to qualify you for this excellent opportunity with future growth potential.

Excellent 3 month paid training program. Promotion to Technician with substantial increase in salary after completion.

Salary and expenses while training. Willing to relocate and travel occasionally.

Send resume to: NATE LEVINE, Chief Engineer, Community Operations, or call: (215) 925-9870, Ext. 624.

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CABLE COMMUNICATIONS MARKETING and ENGINEERING POSITIONS

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If your past performance warrants, and your career interests are to be part of management in the CATV field, we would like to hear from you.

RCA is interested in those individuals who are "doers" and who wish to contribute further to the exciting future of cable communications.

Confidential interviews will be arranged. Send your resume or data sheets, including your present salary, to F. T. Flanagan, RCA, c/o CATV Weekly, Dept. W170-1. We are an equal opportunity employer.

ELECTRICAL ENGINEERING EXPANSION—WITH A FUTURE CIRCUIT DESIGNERS (Senior)

Perform detailed circuit analysis and design solid-state circuits for broad band equipment in the VHF and UHF region. Experience required.

CATV FIELD ENGINEERS

Challenging opportunities to be the technical representative of one of the leading CATV manufacturers. Position requires individuals with technical communications background and ability to "get the job done" with minimum supervision. Extensive travel required.

Positions immediately available with one of the fastest growing divisions of the famous Kaiser affiliated firms—KAISER CATV, Division of Kaiser Aerospace & Electronics Corporation.

For more information call collect (602) 943-3431 or mail your inquiry to:

KAISER CATV

P.O. Box 9098
Phoenix, Arizona 95020
Atten: Personnel Manager

An Equal Opportunity Employer

profile of a leader



GALEN O. GILBERT

Born in Pea Ridge, Arkansas, August 16, 1921. Graduated from John Brown University, Siloam Springs, Arkansas, with a B.A. in Radio Broadcasting and Business Administration. Served with the U.S. Air Force in radio navigation. Prior to entering CATV he worked in radio broadcasting as an announcer, writer, advertising salesman and engineer. President of KBTN Cable TV, Inc., Neosho, Mo. and radio stations in Neosho and Aurora, Mo., he recently was named assistant to the president of Elkins Institute, Dallas, Tex. Past president of Mid-America Cable TV Association, he is married and is father of one son.

As a boy, he could see across the Grand Lake of the Cherokees to the other side . . . and much further. Even at an early age, Galen O. Gilbert dreamed of traveling across the lake to the world outside his birthplace. Like many other young men, his dreams were of success and satisfaction. Like some other young men, his dreams of a career centered around the "new world" of communications where electronics promised to expand vastly man's wealth of knowledge. But while dreams are easy to see, they're hard to bring to reality . . . only hard work and unquenchable optimism can give them shape.

Galen Gilbert can indeed be characterized as both an optimist and an activist. Beginning his trek to success, he established a radio station in Neosho, Missouri, across the lake from his place of birth. Later he opened another radio station in nearby Aurora, Missouri. The success of his first communications endeavors only whetted his appetite for more. Seeking a compatible business to expand his operations, and intrigued by CATV, he plunged into the business with enthusiasm. With the turn-on of KBTN Cable TV in Neosho, he at last realized much of what he had hoped for when he went into communications.

With his keen insight for expanding services, Galen began advertising to support his origination of public service programming nearly four years ago. It was this kind of insight and knowledge of cable television that earned him the support of industry leaders and led to his election as president of the Mid-America CATV Association. During his presidency Galen displayed a significant talent for working with local and state governmental officials. His soft-spoken, factual presentations to legislators won inestimable good will for the entire industry.

His love of the outdoors is evident, but his dedication to business leaves little time for such hobbies as skiing and camping. Nevertheless he feels that CATV time is time well spent, as demonstrated by his involvement in Elkins Institute, a fledgling CATV technical school. Recently he joined the firm as assistant to the president and is helping to structure a CATV training program in management as well as in technical areas.

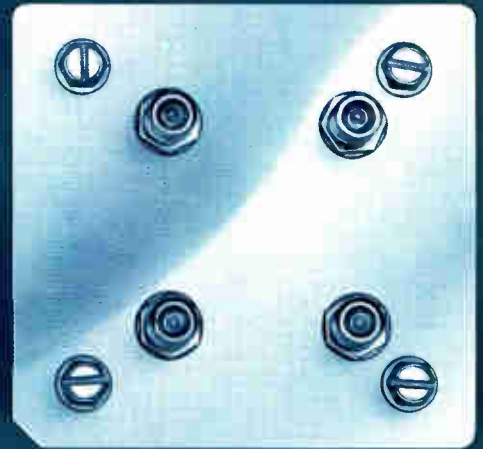
The "new world" of communications of which Galen Gilbert wished to be a part is still in the process of becoming. And for him, his participation in the process has given him the greatest measure of satisfaction. Galen Gilbert chose what he wanted and shaped reality out a dream . . . and today he is among the leaders of cable television.



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TAP ATTENUATOR MODULE



SPLITTER PLATE

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

igan, Ohio, Virginia and Indiana | individual communities grow, "built-in capability for expansion.

Booth Communications Company To Build Four Underground CATV Systems With Vikoa Futura 21 Channel Equipment

Hoboken, New Jersey... Mr. Edward H. Clark, Executive Vice President and Mr. H. Walter Westman, Vice President and Comptroller of Booth Communications Company, have announced that the company will build four underground Futura 21 Channel CATV Systems using all Vikoa materials.

The systems will be located in Blacksburg, Virginia; Salem, Virginia; Kokomo, Indiana and Mt. Pleasant, Michigan. The total subscriber potential, encompassing the areas covered by these systems is 33,200. The total mileage of system, when completed will be in excess of 400 miles.

Mr. Clark stated that, "the decision to purchase Vikoa equipment was predicated on Vikoa's history of accomplishment and success in the 21 channel equipment area, especially FUTURA 21 CHANNEL PUSH-PULL equipment." In addition to supplying all electronic components, Vikoa will also supply its "Flooded SLJ" underground cable proven successful in many other underground systems, as well as wire, cable and tap-off equipment.

The nature of Vikoa's Futura 21 Channel Push-Pull equipment provides these four systems with built-in capability for expansion. "Our systems will grow as the individual communities grow," stated Mr. Westman.

Booth Communications Company, a division of Booth American Company, provides entertainment, information and general communications throughout Michigan, Ohio, Virginia and Indiana via fourteen radio and FM stations and seven CATV systems.

the areas covered by these systems



(Standing left to right) Brian Doherty and Roy Kane, representing Vikoa, Inc., together with (seated) Edward H. Clark, Executive Vice President, Booth Communications Company and H. Walter Westman, Vice President and Comptroller, Booth Communications Company, concluding arrangements for Vikoa 21 Channel equipment. A portrait of Mr. John L. Booth, President and Executive Officer, Booth American Company hangs in the background.

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