

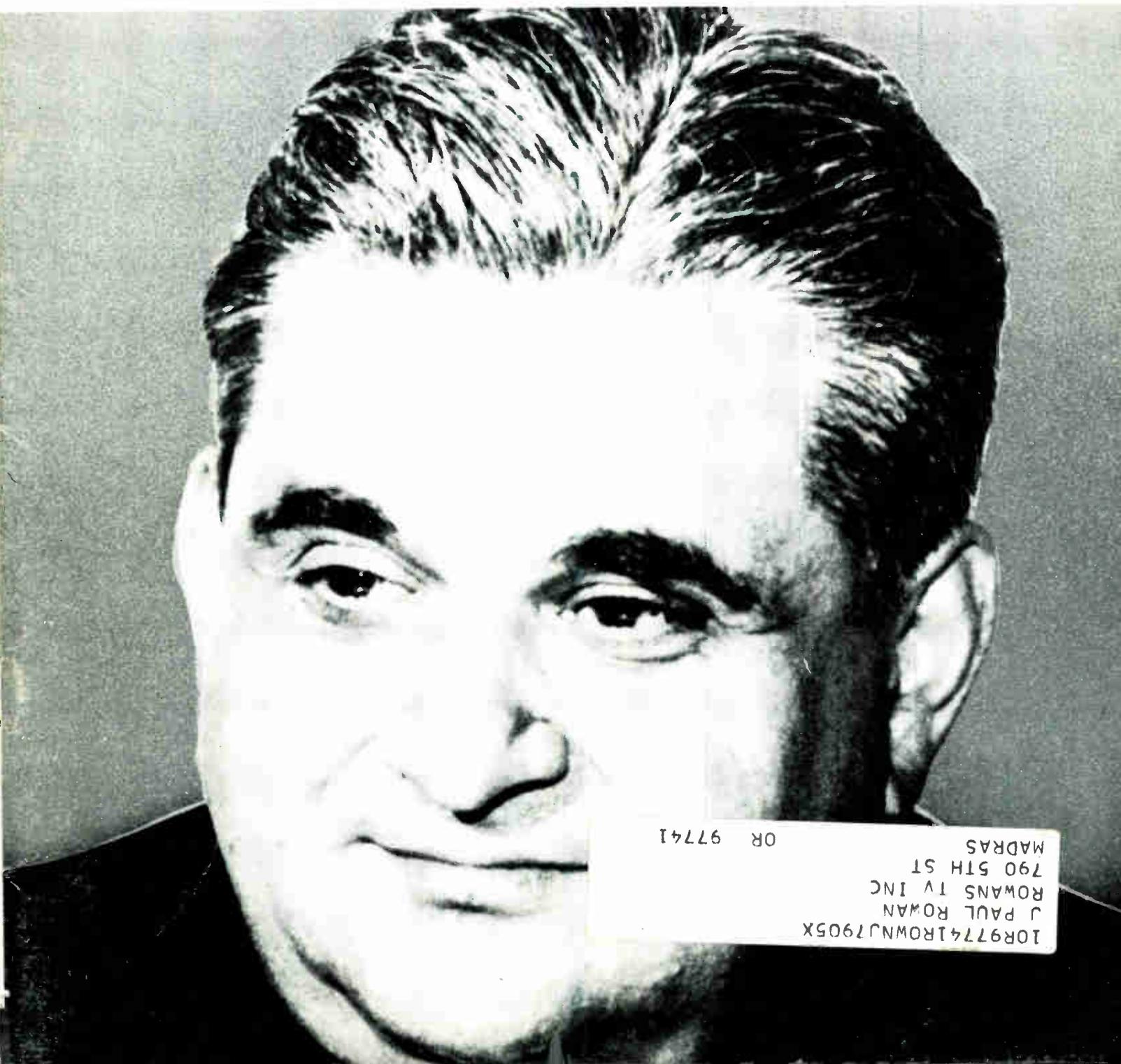
CRITIQUE '69

Special Summary and
Commentary on CATV
News Events in 1969

January 5, 1970

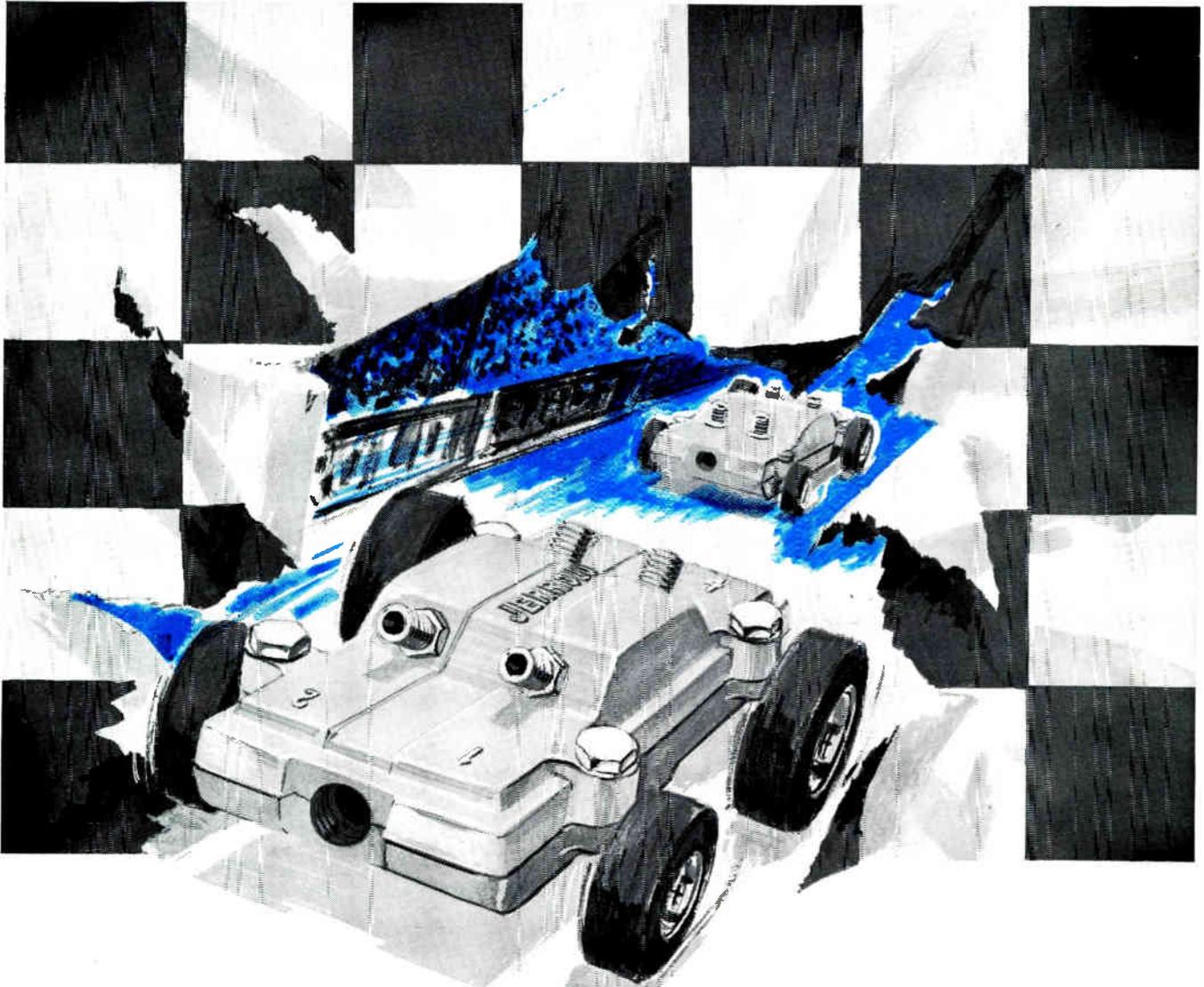


Authoritative Newsweekly of Cable Television



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Conspectus

page 7

Entron-Spedcor merger finalized last week. Surviving firm is Entron, but retains Spedcor officers to head new firm. New corporation plans expansion in CATV.

page 15

Critique 1969 . . . a concise review in print and photo of 1969's history-making major news events. Technological achievements, legal breakthroughs, FCC maneuverings, meetings and conventions.

page 24

Cablemen analyze the events of the last twelve months, and give their predictions for the year ahead in the cable television industry in this special CATV Forum.

page 52

CATV Magazine honors Irving B. Kahn as Man of the Year, 1969 . . . President and Chairman of the Board of TelePrompTer Corp., Kahn has demonstrated outstanding leadership, particularly in the development of local origination during the past year.



OUR COVER

The CATV Man of the Year, 1969 . . . Irving B. Kahn, President and Board Chairman of TelePrompTer.

CATV

Authoritative Newsweekly of Cable Television

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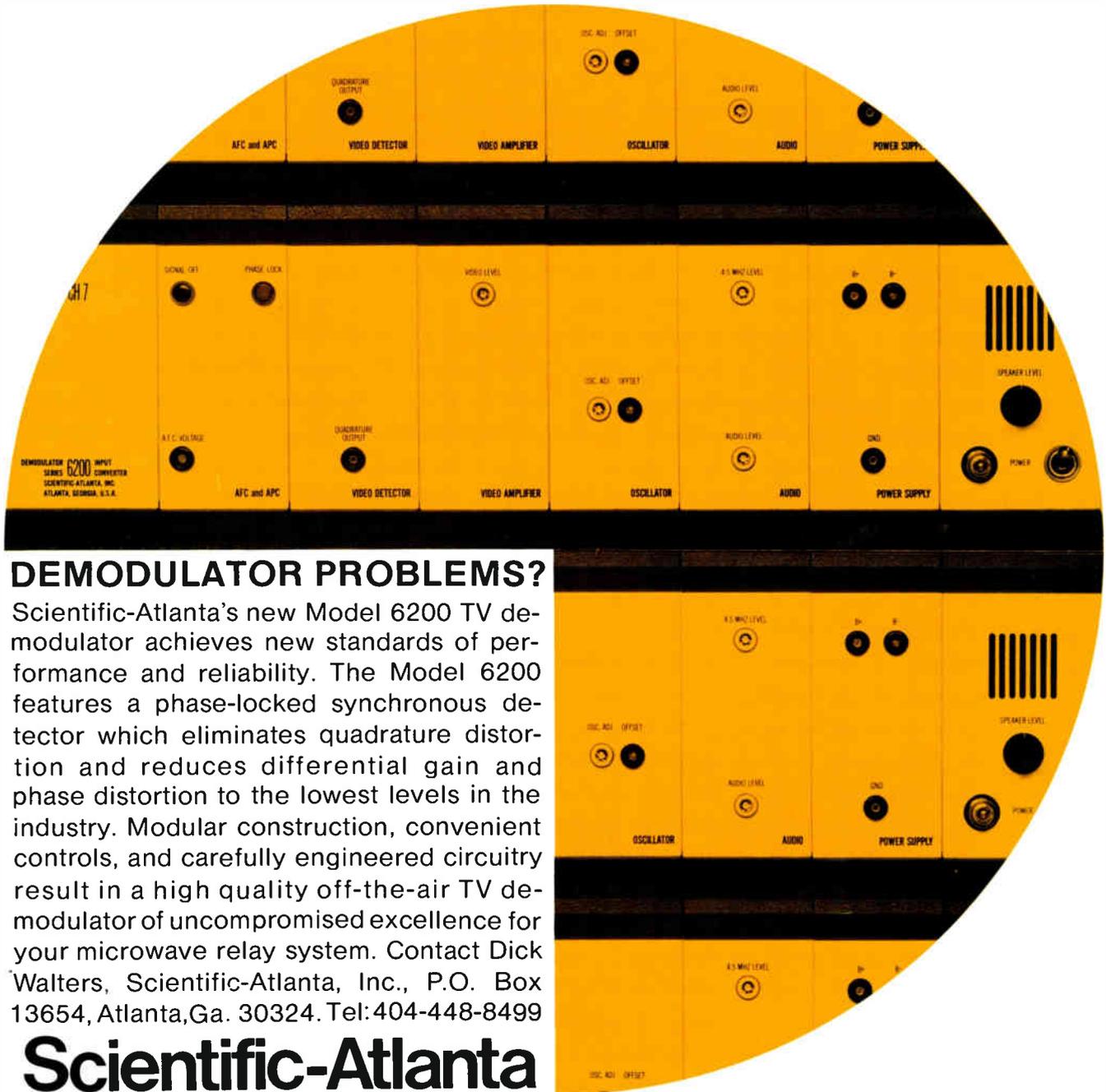
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Contents

Viewpoint	5	Moving Up	44
Meeting Calendar	8	Construction	47
Forum	24	Digest of Earnings	48
Special Report	38	Industry Stocks	48
Letters	41	Franchises	50
Capitol Hill	43	Classifieds	51

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Robert A. Searle
Editor

Stand Up and Be Counted

Two letters to the editor, appearing elsewhere in this issue, both take exception to the whole concept of copyright payments by CATV operators. Further, the letter writers (both well known cable television operators) seem to feel that NCTA does *not* necessarily represent their interests . . . and one of the operators assails the NAB-NCTA compromise agreement as opposed to the welfare and viewpoints of the majority of CATV owners.

Also appearing in this edition is a story on the informational meetings to be held around the country by the National Cable Television Association. We suggest that you read the letters to the editor and *then* check the article on the meetings. The announced purpose of these sessions is to acquaint cable owners with the CATV provisions of the omnibus copyright bill reported out of the McClellan subcommittee last month . . . and to get the thinking of cablemen on the copyright issue and the bill in particular.

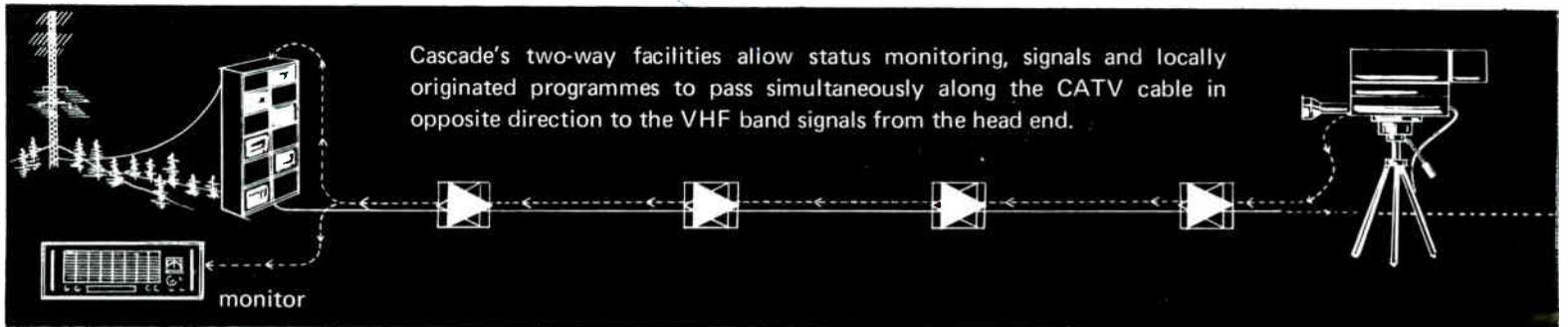
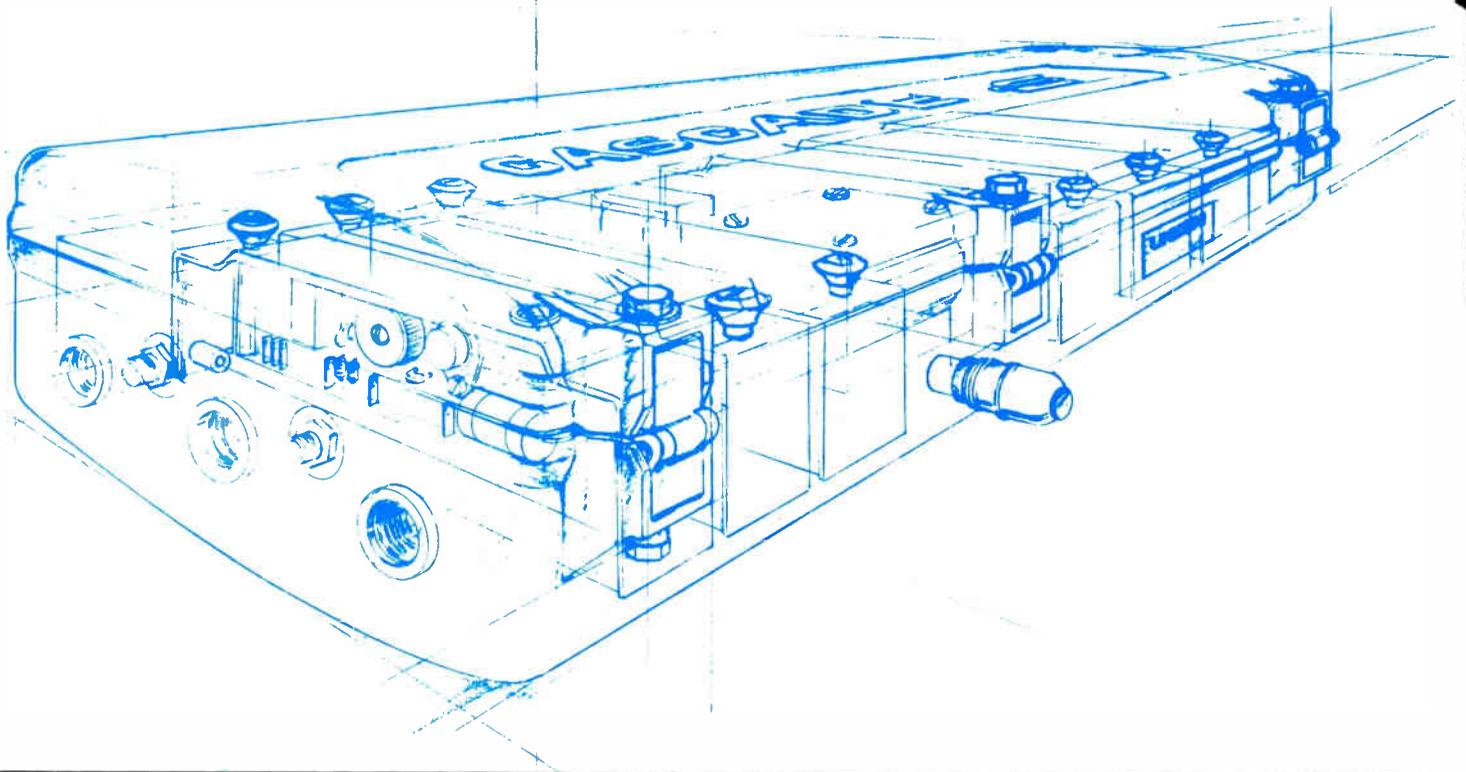
Presumably, the insight gained into CATV operators' thinking on the CATV section of the copyright bill will guide NCTA leadership in determining an official course of action with respect to the proposed legislation.

Many operators say that NCTA does not represent *their* point of view, *their* best interests. Maybe that's true. But here's an open invitation extended by the association for members and non-members alike to become better informed on the proposed copyright legislation . . . and then let NCTA know their thoughts on the subject.

The omnibus copyright bill is extremely complex, perhaps even *insidious* in its cable television provisions. (Even the lawyers are having trouble agreeing on its interpretation.) And its impact on your business, if enacted into law, could be very great. Consequently, it is incumbent upon every operator to learn what the bill says, what it doesn't say, and what the alternatives are, if any. The NCTA meetings offer an opportunity. The experts will be there; diverse points of view will be represented.

Attend. You owe it to yourself to be knowledgeable about this crucially important bill which is now being considered by a committee of the U.S. Senate. Furthermore, the association has invited you, regardless of whether you're a member, to share your views; to make sure that NCTA hears *your voice*.

We suggest that you put your comments and suggestions in a letter to NCTA president, Don Taverner. Send this publication a carbon copy if you like, and we'll publish a compilation of just how the industry feels about the copyright issue . . . and what is expected of NCTA.



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Entron Shareholders Approve Merge With Electronics Manufacturing Firm

CATV equipment manufacturer, Entron, finalizes merger with Spedcor Electronics. Results in surviving firm Entron and new plans for future in CATV.

The shareholders of Entron Inc. and Spedcor Electronics Corp., last week approved a merger between the two companies, and the merger became effective December 31.

Top corporation officials were not available for comment, but a company spokesman said that former Entron president and long-time cableman Ed Whitney will not remain with the new firm.

The surviving corporation is called Entron, Inc., but the full board of directors will be the incumbent directors of Spedcor. Joseph Ross, Spedcor president will be the president of the new corporation. O.D. Page, vice president of the former Entron, will remain a vice president of the new corporation.

Terms of the merger as previously announced call for an exchange of three Entron shares for one Spedcor share. In actual practice, each Spedcor share would be exchanged for one newly authorized share of Entron common stock. Holders of previously issued Entron shares would exchange three such shares for one newly authorized share.

The former Entron stock was traded over the counter with recent shares worth \$3.50. New Entron shares will be traded on the American Stock Exchange pending approval of that Exchange.

The Silver Springs, Md. office of Entron, Inc. will be maintained, but the headquarters of the new firm will be the former headquarters of Spedcor, at Glendale, Queens, N.Y.

CATV equipment manufacturing will be carried on entirely at Spedcor's Morganville, N.J. plant.

The new company will place major emphasis on the new generation Spetramax cable TV products, the construction of CATV systems, and the operation of an increasing number of systems.

Detroit City Council Hears First CATV Application

CATV may be on its way to another of the nation's top markets—Detroit, Michigan. Late last month, the city common council received the first application for a cable franchise for that city.

Submitting the proposed ordinance was a group of black businessmen headed by Dr. Wendall Cox and Haley Bell, owners of radio station WCHB in nearby Inkster. Councilman Nicholas Hood backed the ordinance primarily because it could result in a medium of local expression oriented toward the sizable black community in Detroit.

Dr. Cox told *CATV* editors that he has been considering the possibilities of cable television for the community for about three years. "Since this is the first application to be considered by the council," he said, "quick action is unlikely."

Monthly charges of \$5 and installation charges of \$10-\$20 are contemplated by the group, and Cox said he would want to have 50,000 certain subscribers before undertaking construction.

Solons Slate Attendance For Cable Week Reception

Over 150 Congressmen and Senators have accepted invitations for NCTA's Congressional Reception, February 4, for National Cable Television Week, February 1-7.

Invitations and reservation cards for rooms at the Mayflower Hotel have been sent out to all CATV operators. NCTA said that it will also hold discussion meetings covering legislative issues at the Mayflower the afternoon of the 4th.



1970 a promising year for Educating: In-home, student-participation educational programming is now under way over New York City cable systems. The FCC has authorized tests of the Educating system, developed by Ira Kamen and Harold R. Walker. Subscribers' homes are equipped with a special receiver for four channels of sub-carrier broadcast programmed instruction. No modification need be made to the cable system—a T-connector or splitter at the outlet provides the input signals to both the TV set and the Sylvania-built Educating radio. The student participates by listening to the instructor and multiple choice questions which are then commented on by the instructor.

Largest MSO Acquires CATV Equipment Firm

Rediffusion Incorporated of Montreal, one of the first CATV firms in Canada, has announced acquisition of Delta Electronics Limited, Rexdale, Ontario. Delta manufactures master antenna and other equipment for television cable distribution systems.

Rediffusion is a member of the Rediffusion Organization of London, England, which operates CATV systems and sound and television broadcasting services in the United Kingdom, Canada and many other parts of the world. The group is the largest operator of cable systems for television and radio entertainment in the world, currently serving more than 1,000,000 subscribers.

Assets of the group total some 200 million dollars and sales for 1968/69 exceeded 100 million dollars. Shares of Rediffusion Limited, parent company of the group, are listed on the London Stock Exchange.

Officers and directors of Delta Electronics Limited are: T. A. Cross, president and director; A. J. Campbell, Q. C., vice president and director; Gilbert A. Allard, director; R. E. G. Wilson, director and general manager; S. W. Wellum, director; C. J. Evans, assistant to the president; J. H. Baycroft, secretary-treasurer.

Mr. Cross is also a director of Rediffusion Limited and vice-chairman and managing director of Redifon Limited. Redifon, the group's principal manufacturing company, is a leading maker of flight simulators, telecommunications equipment, computers, data systems and allied electronic equipment and in 1966 was granted the Queen's Award to Industry for export achievement. Benco Television Associates of Rexdale, Ontario, is a division of Redifon's Canadian subsidiary, Redifon (Canada) Limited.

Mr. A. J. Campbell, well known Montreal lawyer, and Mr. Allard, Montreal, a former president of National Community Antenna Television Association of Canada, are respectively vice-chairman and president of Rediffusion Incorporated. Mr. Evans is general manager of Redifon (Canada) Limited.

Wellum and Wilson continue as

directors and Wilson and Baycroft continue as general manager and secretary-treasurer respectively.

U.S. Circuit Court Affirms Stymie of System's Growth

The U.S. Court of Appeals of the 6th District, in Washington D.C. has affirmed an FCC decision which halted the expansion of leaseback operation, Telerama, Inc., into bordering areas of its system on the eastern shoulder of Cleveland, Ohio.

Telerama was in operation in April, 1966, serving Shaker Heights, Lawrenceville Heights and Warrensville Township, Ohio. In response to the objections of Storer Broadcasting and United Artists,

operators of area TV stations, the FCC confirmed that Telerama was grandfathered in the three areas. But the Commission set a hearing to consider the firm's planned expansion.

Before the FCC hearing had taken place, the case was taken by Telerama to the 6th Circuit Court in June, 1966. The court allowed Telerama to begin operation in Euclid, Ohio. The court also directed the system back to the FCC for a hearing to decide where the firm could expand and to judge the effect of not being allowed to expand.

The FCC hearing, finalized in May, 1969, refused the system any relief and the case was again taken to court.

In its decision the 6th Circuit said that the FCC's ruling was "not plainly erroneous" and affirmed its decision.

MEETING CALENDAR

JANUARY

5-7—Kaiser CATV Technical School, Seattle, Wash. To attend contact Ben Forte, Kaiser CATV, Kaiser Center, 300 Lakeside Drive, Oakland, Calif., Phone (415) 271-4653.

6-9—Jerrold Technical Training Cable Television Basic School, LeBarron Hotel, San Francisco, Calif. For further information contact Jay Lerman, Jerrold Electronics Corp., 401 Walnut St., Philadelphia, Pa.

8-10—Rocky Mountain Cable Television Association Annual Meeting, Safari Motel, Phoenix, Ariz.

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.

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.

FCC Approves Signals For Michigan System

The FCC has denied a request by WJRT-TV Inc., former licensee of television station WJRT-TV, Flint, Michigan, now owned by Poole Broadcasting Co., asking that the Flint Cable TV Company, operator of a CATV system at Flint, Michigan, be prohibited from carrying the TV signals for Detroit, Michigan and Windsor, Ontario, Canada TV stations. The Commission found that the operation of the CATV system was consistent with the public interest.

Flint Cable TV Company operates a 12-channel CATV system at Flint, Michigan, which supplies approximately 5,300 subscribers with television signals of WJRT-TV (ABC), Flint; WNEM-TV (NBC) and WUCM-TV (ETV), Bay City; WKNX-TV (CBS), Saginaw; WJIN-TV (CBS), Lansing; WLIX-TV (NBC),

Flint, Michigan; and WBSB-TV (BS), WXYZ-TV (ABC), Detroit, Michigan; and WKBD-TV (NBC) Windsor, Ontario, Canada. The station is located within the Bay City, Michigan television service area, channel 46 and is within the Grade A contours of WXYZ-TV and WNEM-TV and the predicted B contours of other TV stations.

The Commission requested that Flint Cable be prohibited from carrying Windsor TV stations in Michigan. On July 14, 1966, Lake Huron Broadcasting Corporation, WKNX-TV, filed comments in support of WJRT-TV Inc.'s petition in which it requested that Flint Cable also be prohibited from carrying the Lansing and Bay City Michigan TV stations.

Comments were filed against Flint Cable by Telecasting Inc., licensee of WKNX-TV, Lansing, Michigan. Telecasting Inc. argued that Flint Cable's carrying of Detroit-Windsor stations in Michigan with UHF development would cause economic harm to the Detroit area. It was argued that carriage of the Detroit signals in Michigan would equalize the Detroit signals with those in Michigan and Bay City and

would change Flint's viewing habits and that WJRT-TV had a substantial amount of Flint community affairs programming which the Detroit and Windsor stations cannot and will not provide.

Lake Huron contended that the same arguments apply against the carriage of the Lansing and Onondaga stations as well as Detroit and Windsor. Flint Cable replied that it would provide WJRT-TV with program exclusivity with WXYZ-TV which would make its competitive position more secure and prevent any adverse circulation effects in its carriage of any UHF station which emerges on the market. It said that this would assist rather than hinder the station's growth and that the Detroit and Windsor signals are already available off-the-air.

Replying only to Lake Huron's arguments, Gross Telecasting asserted that no facts were supplied in support of Lake Huron's request for special relief and that the carriage and program exclusivity provisions of the Commission's rule should be presumed to protect WKNX-TV adequately opposite WJIN-TV without a showing to the contrary.

H&B American Acquires California CATV System

H&B American Corporation has acquired all the outstanding stock of Clarity TV, Inc. in an exchange for common stock of H & B. The move was announced last week by William M. Jennings, chairman and president of H & B, and John Guedel, chairman, Robert Akin, president of Clarity TV, Inc.

Clarity TV, Inc. owns and operates a community antenna system in the newly incorporated City of Simi, California. Simi is a rapid growth area with a present population of approximately 56,000. Mr. Robert Akin, president of Clarity will continue as resident manager of the system.

The Clarity acquisition brings the number of H & B systems to 72, serving approximately 256,000 subscribers in 140 communities, in 23 states and two provinces of Canada.

H & B's common stock is listed on the American Stock Exchange.

NCTA Sponsors New Group Insurance Plan

NCTA has announced a new group insurance plan to be sponsored by the association. The program is underwritten by the New England Mutual Life Insurance Co., Boston, Mass.

The program offers four combinations of coverage: life insurance and accidental death and dismemberment, this plan with weekly income benefits, the plan with major medical benefits, and the plan with weekly income benefits and major medical benefits.

NCTA said that the primary goal in choosing a program was flexibility—one which will best suit members' individual needs.

The association has requested that enrollment forms, recently mailed to members, be completed and returned by January 15.

Vikoa Firms Acquisition Of Telaction Phone Corp.

Vikoa, Inc. has announced the completion of its acquisition of Telaction Phone Corp., Weehawken, New Jersey.

Telaction stockholders will receive 90,000 shares of Vikoa common stock and an additional 85,000 shares of its common stock if the earnings of Telaction in the five years subsequent to closing are equal to or in excess of certain prescribed sums.

Telaction, a privately owned firm, rents and installs internal communications systems for commercial plants and offices.

'She Was No Lady' Helps Rebuild Mississippi

Cableman James Y. Davidson is doing his part to help rebuild the Mississippi Gulf Coast. Part of the proceeds of *Camile . . . She Was No Lady*, a publication by the Dav-Mac Publishing Co. will be devoted to the restoration of damage by hurricane Camile.

Davidson, president of Davco Electronics Corp. and publisher of the magazine, did most of the photography, art work, layout and composition for pages and feature stories.

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FCC Grants Partial Stay On Telco 214 Certification

On request by Poole Broadcasting Company, licensee of WJRT-TV Flint, Michigan, the Commission has granted a stay of its November 10, 1969 order granting a Section 214 certificate for Michigan Bell Telephone Company, "to the extent of concluding CATV carriage of Detroit-Windsor signals in areas not presently served," in the vicinity of Flint until after review by the United States Court of Appeals for the District of Columbia circuit.

The Commission said it believed a partial stay is appropriate to permit the Court to pass upon the matters on appeal before a substantial change in circumstances occurs. Noting that by January 23, 1970, Michigan Bell plans to turn the next segment of the first system over to the CATV operator Wonderland Ventures Incorporated and since it is apparent that Michigan Bell and Wonderland will institute expanded service as soon as possible, the Commission pointed out that "disruption of newly instituted service would be required if the Commission's order were not upheld."

The Commission stressed that issuance to Michigan Bell of certificate of public convenience and necessity was correct. It said there are substantial public benefits to be obtained from early institution of the contested CATV service by Wonderland. For early resolution of the matter, the Commission said it will seek agreement of the parties to make expedited briefing schedules with approval of the court, which it hopes will give "serious consideration" to its request to expedite the procedure.

On June 13, 1966, Poole requested that the Commission restrict the carriage of signals under provisions of the Second Report and Order. Operation of limited initial CATV facilities for Wonderland began on September 30, 1966. Construction was stopped June 26, 1968 until an appropriate Section 214 certificate had been obtained. The certificate was issued Michigan Bell on November 10, 1969. Poole Broadcasting objected to carriage of the signals of Detroit Windsor stations in and around Flint and appealed the Commission's November 10th order granting a Section

214 certificate to Michigan Bell. Poole asked the Commission to stay its order pending outcome of the appeal and argued that implementation of the planned CATV expansion would deprive the court of an opportunity to pass on whether or not unrestricted carriage of the Detroit-Windsor signals would serve the public interest. It said that if the court found that the public interest had not been served, service instituted by Wonderland November 10th would have to be withdrawn which would result in disruption to the public, Michigan Bell and Wonderland. Poole claimed it would be injured by failure to grant the stay but that grant would not be injurious to either Michigan Bell or Wonderland and that the public interest would be served.

Both Michigan Bell and Wonderland opposed Poole's motion. Wonderland said the public would be harmed by a further delay in institution of the full service proposed and that the Commission and the courts could fashion an appropriate release if Poole is granted a hearing in which it is successful. Michigan Bell stated that the Wonderland CATV systems, half of which have been in various stages of completion since June 1968, already represents a substantial outlay by Michigan Bell and that further delay in construction would be injurious to it and deprive the public of desired service.

The Commission observed that, apart from signals of Detroit-Windsor stations, Wonderland has available for carriage the signals of WKNX-TV (CBS) Saginaw-Bay City WJIN-TV (CBS) Lansing; WNEN-TV (NBC) Bay City-Saginaw-Flint; and WILX-TV (NBC) Lansing-Onondaga which shares time with WNXB-TV (ETV) Onondaga; WJR-TV (ABC) Saginaw and WUCM-TV (ETV) at Bay City.

Exchange Of Stock Links Aurovideo & Adams-Russell

Aurovideo, Inc., Waltham, Mass., has announced in principle its acquisition by Adams-Russell Co., Inc., with the transference of all the balance of the outstanding Aurovideo stock. Adams-Russell previously had acquired 30 percent interest in the firm in February, 1969.

Richard Surprenant, president and principal stockholder of Aurovideo will continue as president of the firm. He has served in the post since its founding in 1965. Aurovideo was formerly National Teline Corp. Surprenant has been proposed for election to the board of directors of Adams-Russell.

Aurovideo currently has six CATV systems in four states with a subscriber total of nearly 8,000 and a subscriber growth rate of 30 percent in 1969.

The firm will be operated as a wholly owned subsidiary of the Adams-Russell Co., Inc. Currently negotiations are underway for the company to expand its operations into a broadly based communications company with interests in CATV, television, and radio.

CATV Operators Urged To Attend NCTA Sessions

NCTA during the next several weeks will hold 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.

Eight meetings, all in the month of January, have been scheduled and cablemen have been urged by NCTA to attend one of the following:

Thursday, January 8, 1:00 p.m.,
Marriott Hotel, Dallas, Texas.

Friday, January 9, 1:00 p.m.,
Bellevue Stratford Hotel, Philadelphia, Pennsylvania.

Friday, January 9, 1:00 p.m.,
Safari Hotel, Scottsdale, Arizona.

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.

ink Petitions FCC vice in CARS Band

Link Corporation has submitted applications to the Federal Communications Commission for its Filtered Pulse-Width Modulation system of transmission and in the same move, petitioned the Commission to amend its rules for the CARS (Community Antenna Receiver) service band—12.7 to 12.95 GHz—to authorize the FPWM system as an alternative to the amplitude modulation technique, approved by the FCC

firm said, "These changes will affect the operation of any other system authorized by the rules as presently or as previously amended in proceedings; do not involve the use of additional or different frequency space than that allocated by the rules and do not contemplate or require the creation of any interfering components precluded by the rules pre-existing or as previously amended."

In its petition, the firm cited advantages of its FPWM system which, it said, "allows 18 channels of TV transmission to be packed" on the beam of a single magnetic transmitter in the 12.7 to 12.95 GHz spectrum and broadcast over a 5 mile path with power requirements in the range of a flashlight battery—unaffected by normal rain, fog, snow or smog.

The petition declared that amplitude modulation on millimeter transmissions individually assigned channels to accomplish the same objective, with its susceptibility to environmental conditions.

As to advantages, the firm said that the FPWM system is adaptable to long-haul and short-hop distribution systems and that a 32-channel technique was demonstrated as the "Quasi-Link System" to the Commission in 1968, on a frequency of 8 GHz. Later experiments were carried on at 8.5, 30.8, 38.3 and 42.0 GHz. The firm also cited experimental authorizations by Chromalloy American Corporation, parent firm of Laser Link.

Another lateral advantage of the system, the firm said, is that it is not restricted to a standard 6 mc television channel. The assigned bandwidths set

forth in the proposed specifications, it can transmit channels larger or smaller than 6 mc, depending on the resolution required."

The petition further noted that the Filtered Pulse-Width Modulation technique transmits a multiplicity of TV channels with single or vestigial sideband for the visual signal and FM modulation for accompanying sound.

Endorsing the Commission's determination that start of Local Distribution Service was in the public interest, the Laser Link petition did not request

a stay of the Commission's order but said that "just as it is important that internal distribution of CATV signals be authorized and equipment standards adopted for that purpose, it is equally important that those desiring to operate in that service be allowed a choice of equipment and that this choice be made available to them as quickly as possible." It asked the Commission to expedite action on the petition and, following its consideration of this matter, the Commission adopt the amendments proposed.

OPEN LETTER TO CATV SYSTEM OWNERS

ASSOCIATED UTILITY SERVICES, Inc.

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Gentlemen:

Objective and Effective

If you plan to seek a change in your monthly charge for cable television service, perhaps your city council or local officials would appreciate a professionally prepared study and report, presented on your behalf, by an independent utility consulting firm with practical and actual experience in such matters.

Just to keep the record straight, we most certainly do not believe cable television is a public utility, and have so stated in a report prepared on behalf of a large cable television owners' association. However, we do believe a utility-type determination, to specify the minimum income-level rates that should be provided, may prove helpful—if such a report takes into account the significant differences between cable television and real utilities.

No-one with knowledge of the financial facts of cable television life favors formal public-utility-type rate regulation at the state or federal level as it is applied today to purveyors of life's necessities, such as water or electric service. One effective way to avoid giving the advocates of such regulation something to talk about is to make existing, informal, local regulation work.

Every businessman realizes that with increases in taxes, wages, operating costs, etc., beyond the control of almost anyone, prices must increase; cable television is no exception! Obtaining authority at the local level for rate changes can be aided by an independent presentation and such a presentation may in turn aid the preservation of local regulation.

For local impact and action

Sincerely,

Joseph F. Brennan

Joseph F. Brennan, President

P.S.—If we can be of service, please call or write me at our address shown above on this letterhead.

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WEEKLY PRESENTS

CRITIQUE '69

Comprehensive, chronological, compendium covering CATV highlights for the year 1969

1969 . . . the close of a year . . . the passing of a decade.

1970 . . . will it represent the threshold of a new era . . . or merely the first year in a newly numbered series of ten?

Even to the most jaundiced eye, the past 12 months must appear as a year of omens. The December 1968 "freeze" rulings of the FCC cast a pall over the dawn of '69. Prognosticators tried their best to sound hopeful of the new year; but a dismal note rang in nearly every cableman's Auld Lang Syne. Much of the year was spent in the frustrating pastime of "wait." And it seemed for months as though the industry never would be rid of its same old plagues—the telephone company threat, the distant signal freeze (now more un-thawable than ever); the uncertainty of the future of advertising on cablecasting channels; and always the ubiquitous copyright.

And then . . . just before year-end . . . the flood-gates opened, and much of the cable television community found itself in what was virtually a new world. There are no clear answers as yet. Much of the "new world" is still too new for perspective. But it is clear that the events of 1969 have changed the cable television industry more profoundly than any prior year.

JANUARY

Operators Turn to Cablecasting Distant Signal Freeze Deepens

Shivering as it was under a new FCC "freeze" ruling, January, 1969 presented a bleak front to cable television operators and manufacturers. Seeking any available warmth, the cable community—led by such men as Irving J. Kahn—focused their hopes on local origination. The cablecasting phase of CATV had, of course, been on cable people's minds for some time. However, the cost and expertise demanded by local origination had restricted experimentation. Now, with distant signals seemingly blocked, cablecasting came in for renewed attention . . . and not only from within the industry. Morris Tarshis, New York City director of the Bureau of Franchises, came out strongly for community-oriented programs on that city's CATV systems. And the U.S. Department of Com-

merce began to speak of program origination as "a new competitive element in the television broadcasting field."

Omni-Vision Claims First Filing; FCC Promptly "Clarifies" New Rules

Ink was scarcely dry on the new proposed FCC rules before Omni-Vision of Pensacola, Florida, filed a major market distant signal application—complete with the newly required retransmission consent letters from the distant stations. The ink, however, was scarcely dry on Omni-Vision's petition before the FCC "clarified" its rules. CATV systems, said the Commission, must have *program-by-program* retransmission consent—an almost impossible requirement since stations do not necessarily own the programs, and therefore cannot consent to their retransmission.

In the face of the new rulings, manufacturers cut back and operators looked again at

their new-system planning sheets. Rules or no rules, however, one enterprising group decided to go ahead with plans for what was billed as the world's largest CATV system, to be located in San Jose, California. Winner of the \$15 million contract: Vikoa, Inc.

Nevada Wins PUC Go-Ahead; U.S. Supreme Court to Hear Case

Another sour note for the new year: A Federal District Court upheld the state of Nevada in its regulation of CATV through the Public Utilities Commission. TV Pix, Inc., the cable system protesting the regulation, vowed to fight the case to the U.S. Supreme Court . . . and the high court, before year's end, accepted the case for hearing. At press time there had been no decision handed down; but when it does come, it will be the most significant judicial decree for CATV since 1968.

Copyright Settlement Pressures Build as Parties Meet on Hill

A Supreme Court decision, of course, does not necessarily write the final answer to a question . . . as witness the perennial problem of copyright. Despite a 1968 high court ruling absolving cable systems from any obligation to pay copyright, there had been no let-up in the pressure from copyright holders, broadcasters and the FCC (through its "retransmission consent" requirements) to demand



In the executive fashion, newly appointed officers of H&B American Cablevision Co., operating division of H&B American Corp., meet in Los Angeles. From left to right are John Muir, regional manager; George Bohn, marketing; Robert Beaman, vice president, systems engineering; James Gould, director of accounting; Frank Allen, vice president-acquisitions and expansion; Bill Bresnan, president; Charles Trimble, president of H&B Communications; Paul Inghram, vice president-engineering operations; Jack Davis, treasurer; and Dick Watts, local origination assistant.

copyright payment from CATVers. Aware of the pressing need for a legislative solution, in January Senator John McClellan (D-Ark.) promised to report a comprehensive copyright revision bill, including a CATV section, out of his Patents, Trademarks and Copyright subcommittee before year-end. Hoping that private agreement among the parties could still be effected, he called a "summit meeting" of cable people, broadcasters and copyright holders. But he also indicated that—whether or not a private agreement on terms could be reached—his subcommittee was going to come up with a bill.

FEBRUARY

NCTA Chairman Bob Beisswenger Indicts Commission on 9 Counts

With the FCC's "overkill" of CATV still uppermost in many minds, NCTA chairman Robert Beisswenger leveled a blast at the Commission. His indictment of the Commission was on nine specific counts. "Unless you can satisfactorily rebut these specifications," he told the FCC, "it is our belief that your license to practice at the expense of the American public should be revoked."

On the heels of the Beisswenger letter, the Commission received a request from an unhappy Senator McClellan to explain the copyright implications of its new rulings.

FCC Hearings: Two Grueling Days of Endless Testimony

Little time to prepare arguments . . . little time to present them. That was the story of the FCC hearings on its proposed rules. For two grueling days in February, proponents and opponents paraded before the Commission in seemingly endless file. Cable operators did not hope for much from the hearings—from the reiteration of arguments already made time and again—but they arrived in force in Washington and told their story once more. At least the FCC hearings had this much to recommend them: They did get the issue before the public to some degree; and they did give cable people a chance to rehearse for the main event—the Congressional hearings held later in '69.

The problems and promise of cable television were showcased much more effectively for the public again in February. The Public Broadcasting Laboratory during that month telecast a two-hour film devoted



cast, before concert at Carnegie Hall, Martin Bookspan, American Symphony Orchestra; composer Morton Feldman; and Leopold Stokowski, American Symphony Orchestra conductor, right, discuss significance of Manhattan television's sophisticated venture.

exclusively to CATV. The show, aired on 150 ETV stations, was underwritten by the Ford Foundation and "starred" many familiar leaders in the industry.

Men Brighten at Hope CARS, AML Future Approval

A bright spot for CATV in general and local origination in particular came with the FCC's announcement that it would consider favorable measures for CATV microwave. The Commission said it was proposing to modify its Community Antenna Relay Service (CARS) rules to permit carriage of locally originated programming on those frequencies. The Commission also approved experimental use of a short-hop, multi-channel CATV microwave system developed by TelePrompTer and Hughes.

Loses L'Heureux to Cancer; Honored by Scholarship

On the last day of February, the cable television industry lost one of its giants. Robert D. L'Heureux, Washington attorney and staunch champion of CATV, died of cancer. He had been fighting the illness for a long time and had, in fact, achieved something of an uneasy truce with it for some months. He had been the first General Counsel of NCTA and had helped give form to many of the legal arguments and prin-

ciples which still support CATV. In 1967 he went into private practice as a partner in the law firm of Smith, Pepper, Shack and L'Heureux where he continued to fight CATV's battles. Bob L'Heureux was mourned by many—and remembered by many. The CATV Pioneers group set up a scholarship fund in his memory to provide tuition for a law student at George Washington University, Bob L'Heureux's alma mater.

MARCH

Communications Experts Challenge FCC's Proposed Rules for Cable

The FCC had no sooner answered one challenge to its new proposed rules for CATV than it was faced with another. The first week in March it was reported that Research Analysis Corp. (one of the "think-tanks" which had contributed to the President's Task Force on Telecommunications) had filed anti-rules comments with the Commission. The organization characterized the rules as short-sighted and ambiguous.

Shortly afterwards, Eugene V. Rostow, former Undersecretary of State and chairman of the Telecommunications Task Force, also criticized the rules. While he would not divulge the contents of the task force report (long since completed, but not yet released), Rostow publicly stated that the FCC's proposed rules utterly defeated the intention of the task force report.

Chairman Hyde Travels to Hill To Answer Legislators' Questions

FCC Chairman Hyde's statements relative to the rules and the President's Task Force report ran directly contrary to Rostow's public pronouncement (statements, by the way, which were to haunt Hyde only a short time later). When quizzed by the Senate Commerce Committee, Hyde flatly told congressmen, "The rules would carry out the objects of the Rostow report." During that same trip to Capitol Hill, Hyde was also cross-examined by the House Communications Subcommittee. To subcommittee chairman Torbert Macdonald (D-Mass.), Hyde admitted the copyright implications of the interim rules. Under intensive questioning, Hyde finally stated: "I tell you frankly, I would much prefer that Congress work this problem out."

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Speakers from Nation's Capitol Year at Cable TV Gatherings

Cablemen in the Midwest and the Pacific Northwest entertained speakers from Washington at their annual conventions in March. Sol Schildhouse, chief of the FCC's CATV Task Force, speaking at the Illinois-Indiana meeting, told operators that the FCC was very much concerned with the promise of local origination. He speculated that the two areas which would receive first attention from the Commission would be cablecasting and ownership restrictions (and time has shown him correct in at least the former). During that same week, the Commission itself sent a spokesman to the Pacific Northwest CATV Association meeting in Spokane, Washington. Mrs. Ruth Reel, attorney in general counsel Henry Geller's office, assured operators (not entirely successfully) that the intention of the proposed CATV rules was "not to kill CATV." She also spoke encouragingly of the Commission's attitude toward program origination and the diversity of viewing which it could provide.

NAB Promises "Counter-Lobby" Defend Against Cable's Efforts

Cable people who had been feeling the pressure of the broadcasters' weight in Washington for years were a bit surprised—and perhaps gratified—to hear what went on at the National Association of Broadcasters' annual convention. NAB president Vincent Wasilewski called broadcasters to the defense of their industry and their profits; he told them of the "extremely active CATV lobbying campaign going on in Washington"—but reassured them that NAB was preparing to mount a defensive counter-lobby.

Colorado Springs System Gets Green Light from Federal Court

March ended on an upbeat note when the Federal Appeals Court for the District of Columbia gave the green light to the Colorado Springs system. Television stations in that city had tied the system up in litigation for a year after the favorable FCC verdict, and in fact the litigation was to go on with an unsuccessful appeal to the U.S. Supreme Court. It was not until months later that the Cablecom-General system got the final "go" sign.



Discussing the phenomenal growth of CATV at the NCTA annual convention are (left to right) Sol Schildhouse, chief of the FCC's CATV Task Force; Jackie Morse, managing editor of CATV Magazine; Robert Beisswenger, president of Jerrold Electronics Corp.; Stanley M. Searle, publisher of TV Communications and CATV Weekly magazines; and Ephraim Lewis, marketing director for Business Week magazine.

APRIL

Cable Meetings Stress Value Of More Local Origination

Convocations of cable people during the first two weeks of April again stressed the increasing importance of CATV. Congressman Lionel Van Deerlin (D-Calif.), addressing some 300 operators and suppliers at the Southern CATV Convention, recommended bolder use of cablecasting as a way of proving CATV's worth to skeptical legislators. And cablecasting was certainly the order of the day in Salt Lake City as nearly 200 turned out for the NCTA Cablecasting Seminar. Sol Schildhouse again spoke of the FCC's attention to program origination, and he advised operators to "do your own thing . . . there is no doubt that cable has a field to itself and can make its mark."

New Voice Heard for Cable TV; Justice Dept. Speaks Out Clearly

With what could only be considered highly appropriate timing, still another voice spoke out strongly for local origination during April—the loud voice of the U.S. Justice Department. The Justice Department's intervention in FCC-CATV affairs came as a surprise to much of the cable community—but a welcome surprise. J.D. antitrust chief Richard McLaren and his staff left no doubt about their position in favor of a free and competitive marketplace. Their

Have you noticed...

the way everything seems to change – including your own business?

1970 is different. And so are your supply requirements. The CATV state-of-the-art and the management practices of your business have both changed dramatically during the last few years. The result: you need a different kind of service from your suppliers. Faster, more responsive attention to your requirements for hardware, electronics, coax and engineering services.

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filing defended the right of systems to originate both programming and advertising.

Ownership an Issue in Canada; FCC Rejects Famous Players' Plan

Ownership restrictions on CATV firms, although restrictions of a different type, were also at issue in Canada. The government had come out with ownership limitations designed to ensure nearly total Canadian ownership of communications companies, and CATV firms were scrambling to put their houses in order. The Canadian Radio-Television Commission rejected the reorganization plan of giant MSO Famous Players—a rejection which led directly to Famous Players' decision to sell its systems.

Telcos Come Under FCC Gun; Rulemaking Proposals Announced

Telephone companies, whose power plays had been a continuing threat to CATV, were still appealing the 1968 214 decision when the FCC let another hammer loose. The Commission announced a proposed rulemaking and inquiry into telco ownership and control of CATV systems. Questions asked by the FCC were directly to the point; such as, "Should the Commission adopt specific policies and regulations to protect against potential unfair or anticompetitive practices that might arise as a result of the affiliated relationship between telephone companies and CATV systems?"

Macdonald Says Commission "More Victim than Villain"

Texas and Mid-America CATV Association members heard Torbert Macdonald, chairman of the House Communications Subcommittee, lash out publicly at the FCC's proposed rules. Addressing the cablemen in Dallas, Macdonald acknowledged that the Commission "is more victim than villain" and that it was up to Congress to provide long-needed guidelines for CATV regulation. He said that the FCC should administer policy—not make it; and that any other course results in "a rather muddled effort that fails to come to grips with the real issues." Macdonald also joined his voice to that of other legislators in calling for the release by the White House of the President's Task Force on Telecommunications report.



Signing a contract with Kaiser CATV for additional construction of Gray Communication's Albany, Ga. system is Raymond E. Carow, vice president of Gray Communications. Looking on (left to right) are Pete Freeauf, system manager; Jim Taglia, Kaiser CATV regional manager; Kerwin Ottwell, construction manager, Engineering Associates, Inc.; and Perley E. Eppley, director of engineering, Gray Communications.

"House Resolution 10510" were the magic words at the end of April . . . though nearly forgotten by the end of the year. Representative Samuel Stratton (D-N.Y.) gave cable operators a heady dose of morale booster when he introduced a bill which would have unshackled the industry from the FCC's restrictions. The key provision of the legislation was that the FCC should allow systems to import distant signals freely unless a television station could prove economic damage resulting from the importation. While no one looked for instant legislation, and while virtually nothing was heard of the bill in subsequent months, its introduction did provide a shot in the arm—and another public voice—for CATV.

MAY

Congressman Stratton Introduces Bill to Relieve CATV Pressure

May was one of the most active months of the year on the CATV front. After April's rough handling at the FCC, the telcos received yet another blow in May. The Washington D.C. Court of Appeals backed the Commission all the way on 214. Like it or not, ruled the court, telcos would have to file for certificates of public convenience and necessity before building facilities for CATV. The decision was not unexpected, and while the news was cheered by cable operators, it received only passing attention, coming as it did between the bombshells of Stratton's bill and a major change at NCTA.

Ford Resigns as NCTA President; Retires to Private Law Practice

Frederick W. Ford, president of NCTA for nearly four years, announced his resignation in May. Indications were that his decision stemmed partly from the disappointment expressed by some segments of the industry over the regulatory drift in Washington. In any case, the tremendous pressures on the NCTA president over the past years were obvious. And Ford, after a career as FCC Commissioner and Chairman and his four-year stint at the head of NCTA, elected to retire to private practice of law.

CRTC Makes Policy Announcement At Annual Canadian Cable Meeting

If relatively little had been heard about CATV in Canada, it was in large part due to the fact that the industry had been progressing smoothly and with great success in its "partnership" with the Canadian Radio-Television Commission. For weeks before the annual Canadian Cable Television Association's Annual Convention, rumors had been flying that CRTC chairman Pierre Juneau would choose that occasion to announce the first official "CATV policy" for Canada. (The CRTC, appointed just a year before, had been conducting a grueling series of licensing hearings for CATV systems—and in the process, accumulating data on which to base national regulation.) Over 500 cablemen gathered in Quebec City and Juneau did

not disappoint them. In a two-hour speech, the chairman presented his official guidelines—and at the conclusion, the group gave him a standing ovation. Main elements of the policy dealt with priority of signals (Canadian first, then local programming, then non-Canadian stations); a prohibition against advertising on cablecasting channels; and a reiteration of the ownership requirements. Claude Boucher, elected CCTA president at the Quebec City meeting, seemed to reflect a consensus of the entire group—"This is something we can live with and grow with."

Further FCC CATV Proposals Spark Bitter Dissent from Bartley

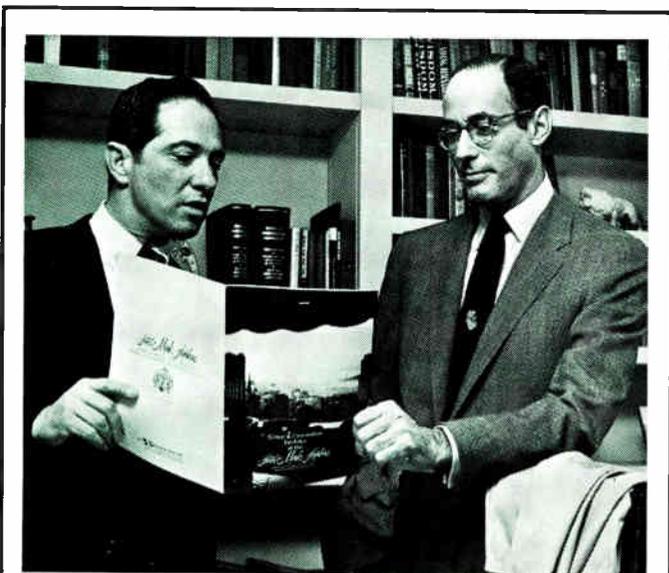
There was certainly no such unanimity south of the border. The same week the CCTA met, the FCC released yet another Memorandum Opinion and Order and a further Rulemaking Proposal on its rules for CATV. And this step provoked not only strong reaction from the cable community, but a wave of bitter dissent within the Commission itself. Commissioner Robert Bartley wrote a stinging opinion which flatly stated: "I think the Commission should recognize the fact that it has placed a 'freeze' on CATV. As I have stated in previous dissents, the 'freeze' is contrary to the public interest."

CATV Industry Leaders Propose Some Solutions to CATV Problems

While the industry's public troubles in Washington seemed to deepen, its private sector was working even more intensively to come up with some imaginative new approaches to the cable television business. Among many during the year, three such noteworthy proposals were announced in May. One was the cable-only receiver designed by Phil Hamlin of Seattle—a television receiver produced to specifications which would guarantee the strongest possible signal on 25 channels without a converter.

Gridtronics Offers Packaged Hardware-Software Programming

Another significant "private industry" development was the formation of Grid-



Looking over plans for the NCTA annual convention and the revealing of their Gridtronics hardware-software package are Frank Cooper, Television Communications Corp., vice president, and Alfred Stern, TVC president.

AN OPEN LETTER TO THE CABLE TELEVISION INDUSTRY



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"We" do not ship untested equipment or parts, under any conditions.

"We" do not make it difficult to get a straight answer to a customer's question, or problem; which we treat as our own.

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This we believe, is why "CAMA" has "quietly" moved into a first line of supply position, with hundreds of CATV operators; nationwide.

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Specialization has also put us in the most "competitive" position.

It will be our pleasure to furnish you with additional information on the "CAMA-LINE." Please write or call us "collect" at your earliest convenience.

E/br:

DE/br:

Yours truly,

A handwritten signature in black ink that reads "Don Edelman". The signature is written in a cursive style and is positioned above the printed name and title.

Donald Edelman
Director of Sales

Incorporated 1968
Community Antenna & Master Antenna System Products

Cablemen Speak Their Minds On 1969-70 CATV Industry Issues

Industry thought leaders were asked by the editors of *CATV Magazine* to comment on the significant events of 1969 and to label the events most likely to be significant in 1970. The prominent cablemen raised some interesting questions about the form and direction of CATV.

Frank Thompson, general manager of four H&B American Cablevision systems.

"The most significant event of '69 was one which was really not of our doing. The NAB Board vetoed the agreement reached by the NCTA/NAB negotiating committees and this was great for our industry inasmuch as we are not now tied to an agreement which would have precluded the interconnection of systems—that would have been a disastrous blow to our future and profits.

"I believe that during 1970 we will see, for the first time, an abundance of high quality closed circuit programming made available to CATV systems—from many sources. This combined with an unprecedented surge in the sophistication of local origination gear will see us charge ahead as the most singularly important audio/video medium in the country. P.S.—And Ma Bell will tend to her own knitting."

personnel changes in the Federal Communications Commission. Second is the new FCC posture on program local origination. Third is the new position in which companies have been placed in regard to CATV. Four be the mergers and acquisitions which have taken place clear the way for a more stable industry. 1969 was a year which more maturity and stability came to the industry any year to date.

"The development in 1970 which will have the effect upon our industry will be the enactment of a law which will include CATV. Whether it is favorable or otherwise, it will have a significant effect."

K. J. Easton, professional engineer and past secretary of CCTA.

"My comments will be confined entirely to the Canadian scene in view of the far-ranging announcement by the Canadian Radio-Television Commission on December 15, 1969 relating to the use of microwave. This was certainly the most significant development in Canadian cable television in many years.

"In this announcement, the Commission stated that it would not license CATV systems based on the microwave or other technical systems for the local importation of programmes from distant U.S. stations. The Commission also stated their intention to encourage programme origination on cable even to the extent of permitting CATV networks. There was an implication that there might be some restrictions on U.S. stations carried on presently licensed systems.

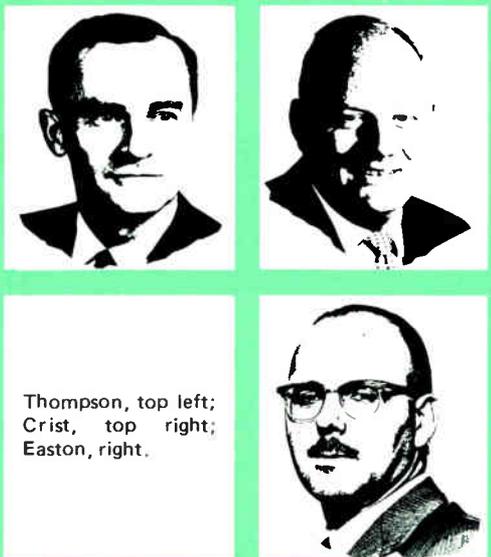
"Arising from this, it would seem to me that the development most likely to have the greatest effect on the industry in 1970 will be the conflict of interest that must inevitably arise between the Commission, the broadcasters, the cable industry, and the viewing public.

"The Commission is dedicated to upholding the intent of the 1968 Broadcasting Act which is to create a unified Canadian broadcasting system.

"The broadcasters are going to be subject to greater pressure to produce more Canadian programmes, and restrict the syndicated U.S. programmes to achieve this purpose.

"The Cable TV Industry will be under strong pressure to produce Canadian programming, without benefit of additional revenues for this purpose if the present restrictive advertising continues.

"Meanwhile, the majority of the Canadian public will be presently watching U.S. television stations direct, either



Thompson, top left;
Crist, top right;
Easton, right.

Duane Crist, vice president, Anaconda Electronics Co.

"In answering your question, there are several things specifically which are significant. First of all there are

or without cable, will jealously defend that right as demonstrated two years ago when Channel 3 tried to move from Barrie to the outskirts of Toronto and threatened interference with reception of channels 2 and 4 from Buffalo, and the minority of the public who are presently too far from the border for U.S. reception without cable will be pressing for parity of viewing opportunity with the rest."

Gene W. Schneider, president, GenCoE Inc.

"I think that possibly the most significant event that occurred in 1969, or at least appears to have occurred, is the beginning of a change in regulatory philosophy of the CATV Industry at the FCC. The Justice Department filings at the FCC certainly had a great deal to do with the change in this philosophy. Regardless of how it came about, it does appear that the CATV Industry is beginning to be recognized as a communications media all its own and will be allowed to compete in the market place. Signs of this are the recent rulings on closed circuit origination of entertainment programming and public service programming, the sale of advertising, networking of CATV systems, etc. There certainly is hope that the beginning of the end of the severely restrictive type regulation on the part of the FCC is at hand.

"With regard to 1970, it appears to me that the most significant development will be a continuation of the trend towards a more relaxed regulatory attitude on the part of the FCC, and probably most important of all developments in the history of the industry could be the settlement of the Copyright issue which would allow the importation of distant signals and the opening up of the large market CATV systems. A very significant part of the future development could also be the prohibition against cross ownership of CATV systems in the same market by TV stations, newspapers and radio stations. If these events happen, I think the industry can look forward to 1970 and many years thereafter to great progress."

Bill Daniels, president, Daniels & Associates Inc.

"I see the important developments of 1969 as threefold. The FCC permission to originate and sell advertising - which I consider as one factor; Two, the relaxing of telephone company restrictions; and, there is no question about it, the most important event in 1970 is one hell of a battle to get that Copyright Bill through Congress and the Senate."

Archer S. Taylor, vice president, Malarkey, Taylor & Associates.

"Recognition during 1969 of the Cable TV industry by the Institute of Electrical and Electronic Engineers (IEEE) is in my judgment a most significant engineering event, signaling great progress ahead. IEEE is the largest and most prestigious association of professional engineering talent in the world. A newly formed IEEE Task Force on Cable TV is working on standard measurement techniques. Several articles have appeared in *IEEE Spectrum* calling attention to the tremendous potential of Cable TV as a communications media. The

November, 1969 issue of the IEEE Transactions on Broadcasting is devoted entirely to Cable TV papers. A special issue of the IEEE Proceedings will be devoted entirely to Cable TV in July, 1970, with some very interesting professional papers now in preparation.

"The professional engineers who made the Apollo triumphs possible, and masterminded the computer revolution are now looking at the communications potential of the coaxial Cable TV industry.

"During 1970, I expect the most significant technological breakthrough will be availability of microwave hardware for the new LDS, local distribution service. Something of this sort is essential, in my judgment, for proper cable distribution in major markets. 1970 will certainly be a key year in Cable TV history."



Daniels, top left; Taylor, top right; Cowley, above left; Schneider, above right.

Robert E. Cowley, general manager, Flagstaff Television & Cable Company.

"Looking at the year 1969 and reviewing it I feel that program origination has opened new horizons for thousands of Americans and is opening and will open them for thousands more throughout the country.

"It is a sensationally impelling new medium of entertainment and information for the cable subscriber and the cablecaster.

"I feel we must devote more energies toward public service and more active participation in our communities. The forward steps that can be made in the public source are manifold. The people obtain the chance to say as well as to see more of their communities. I feel that the year 1970 will be a challenge for the cablecaster to become a leader in the community and an active force in the life of the community."

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Generations ahead. Not just on the drawing board or in paper: for seminars, but production. We apply IC technology for high performance, low maintenance.

Our concepts have caught on because they're production oriented to make results better, work easier and costs a lot lower initially and in operation.

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TMM-300 Message Channel

Then there's PORTA-STUDIO™, an easy way to carry a complete EIA studio control package. The case is durable molded

fiberglass with metal frame for maximum portability, and serves as a 19" rack for various components like a video control center, screen splitter, waveform sampler, monitors and audio mixers.

A PORTA-STUDIO™ equipped with a MULTICASTER™ Video Control Center accepts up to six cameras, video tape recorders



Porta-Studio

or other video sources, and permits synchronous switching. MULTICASTER™ can also provide a common EIA sync generator, three outputs at full EIA/FCC broadcast standards, intercom and tally light switching, and master pedestal and gain controls. A

TSE-100A Screen Splitter gives you split screen and corner inserts and the TMV-529 Waveform Sampler lets you set-up your video sources without expensive waveform monitors.

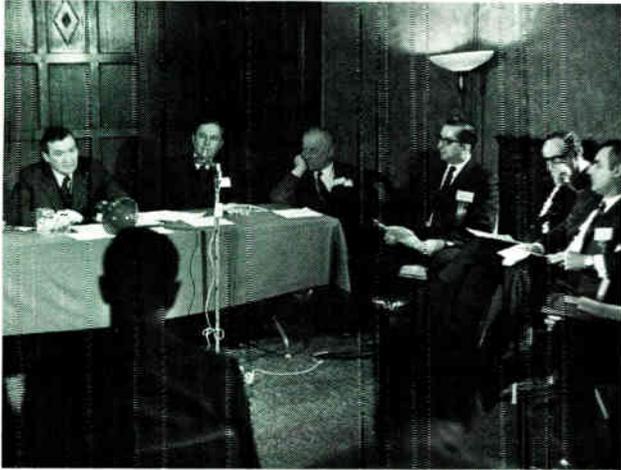
Our line is the most complete. The furthest ahead. As for what's on the board now, we'll tell you in the next few months. **TALK TO TELEMATION. (The Propheteers)**

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At the CCTA convention, CRTC Chairman Pierre Juneau, center of table, answers question from cable operators as CRTC commissioners Real Therrien and Claude Cliche look on. Clockwise are: Omer Girard, Magog, Que.; Alex Dworkin, Vancouver, B.C.; and Claude Boucher, Winnipeg, Man.

(Critique '69 continued from page 22)

tronics—a CATV programming subsidiary formed by MSO. TeleVision Communications Corp. Gridtronics president Frank Cooper announced that the package would be demonstrated at next month's convention, but released details of the unique "hardware-software" product ahead of time. Under the Gridtronics plan—which has since been subscribed to by a substantial number of systems—an operator buys a package of local origination hardware and the programming (four channels—professional services, instructional, information, and movies) to go with it. Subscribers can choose which, if any, of the extra channels they wish and pay a set monthly fee for the service above the regular CATV charge.

CSI Offers Cablemen Answer To Copyright Impasse; FCC Wavers

CSI was a third new enterprise launched in May. Bill Hargan and Harold Farrow formed the company as a possible solution to the copyright impasse. CSI was proposed to operate as a clearing house to collect a percentage of gross from participating operators and distribute the funds to copyright holders and television stations in "compensation" for distant signals imported by the systems. The plan, whose life depended on acceptance at the FCC, was proposed in a petition to the Commission by Multi-View Systems of Woodland, California. Although the FCC acknowledged the merits and the innovativeness of the plan—and although CSI

owners Hargan and Farrow proposed that the firm ultimately be industry owned and operated—the FCC never approved the petition.

Congress Opens Week-Long Hearings on FCC's Cable Rules

All other CATV events were overshadowed by the long-awaited Congressional hearings on the FCC's proposed rules. Perhaps the most unexpected happening in the week-long session was the release of the report of the President's Task Force on Telecommunications. Eugene Rostow, who had chaired the task force, explained much of the significance of the report. And for cable people, his favorable testimony was a high point of the proceedings. At the hearings—and earlier—FCC Chairman Rosel Hyde admitted there was some divergence between the objectives of the report and the FCC's stand on CATV. Under the leadership of chairman Torbert Macdonald, the subcommittee waded through an incredibly large amount of testimony. Unfortunately, only a week could be allotted for the hearings—and at week's end it was evident that the legislators could not begin to handle the complexities of CATV in so short a time. Further hearings were promised, but had not materialized as of December, 1969.

JUNE

NCTA-NAB Staff Agreement On . . . Then Off as NAB Board Says "No"

During June, the CATV industry ran the gamut from elation to chagrin—and climaxed the month with the Convention. For openers, the staffs of NCTA and NAB announced that they had worked out terms of a compromise agreement. The reasoning behind the pact was that, if the private parties could present an agreed-upon program to the FCC and Congress, a climate for growth of both CATV and broadcasting could be created. Some of the terms of the staff agreement called for a "quota" system of signals for systems, freedom to originate and to carry advertising on one cablecasting channel, and a prohibition against cable system interconnection. Some segments of the CATV industry were clearly dismayed at the agreement, others were skeptical. Nevertheless, the NCTA Board backed the staff and demonstrated its good faith with an

almost immediate note of approval. NAB, on the other hand (and much to its later discomfort), yielded to the pressure of its more radical members such as AMST and on the eve of the NCTA Convention—torpedoed the agreement.

Local Origination Makes News; Justice Dept. Supports Industry

Proof that the Justice Department's interest in CATV was no passing fancy came in June when the department flatly told appellate court that CATV should be allowed unlimited local origination—with advertising. A San Diego system was appealing an FCC order which allowed origination but not advertising. Richard McLaren, anti-trust chief, left no doubt at all where the department stood. In other local origination news of the month, CATV pioneer and leader, George Barco hosted a grand opening of his system's impressive cablecasting facilities in Meadville, Pennsylvania. Dignitaries such as FCC Commissioner Kenneth Cox and cableman Milton J. Shapp were on hand. And elsewhere, at about the same time, the U.S. Supreme Court declared the FCC's Fairness Doctrine constitutional—a decision which at that time applied only to broadcasters but which, before the year was out, became equally important to cablecasters.

Cablemen Form First Political Action Group in Industry History

Founders of the Political Action Committee of Cable Television (PACCT) chose the month of June to announce formation of the group—and chose Convention week to formally launch the first political fund in CATV's history. Veteran cableman Martin F. Malarkey, chairman of PACCT, announced the plan early in June. Over his signature letters went out to all cable operators and suppliers requesting support. Funds collected (systems were asked for a minimum contribution of \$99; manufacturers for \$250) go into the PACCT bank account to be distributed as campaign aids to congressmen who hold views sympathetic to the industry. Although PACCT represents CATV's first venture of this sort, similar efforts are standard operating procedure in many other industries. And the initial enthusiasm of the industry for PACCT was demonstrated by the turn-out of some 450

executives and their wives at the Convention-week reception. Legislators on hand for the gala evening included Torbert Macdonald and California leader Jesse Unruh.

Politics, Programming Dominate NCTA's 18th Annual Convention

Politics and programming dominated the 18th Annual NCTA Convention, held in "everybody's favorite city" San Francisco. Intra-industry politics were kept to a minimum, and the nominating committee's slate headed by M. William Adler won handily in the annual elections, but politics of every other description—federal, state and local—consumed a good deal of operators' time during the panel discussions. And they got some advice on the subject from an expert, Torbert Macdonald, chairman of the House Communications Subcommittee. Macdonald told CATVers to keep negotiating despite NAB's turn-down of the staff agreement. He also cautioned cablemen that "The appearance of indecision or division is an invitation to Congress to take no action," and urged all segments of the industry to unite. Programming for cable systems rivaled politics as the lead topic. Two-thirds of the early morning eye-opener sessions were devoted to the topic, and some of the biggest convention news was in the programming concepts being demonstrated from Gridtronics, CBS/EVR and NCTA itself. Retiring president Fred Ford and officials of the Communications



On stage at the NCTA annual convention are association's 1969-70 officers Monroe M. Rifkin, secretary; W. Randolph Tucker, treasurer; Ralph (Bud) Weir, vice chairman; and M. William Adler, chairman.



Discussing plans for what was called "the world's longest cascaded system" are (left to right) Samuel Salvin, president, Vikoa of Canada Ltd.; Austin Medford, general manager, Skyline Cablevision Ltd.; and M. Olfman, technical director, Skyline Cablevision Ltd.

Satellite Corp. announced plans for a six-channel, cable-only network to be under construction within two years. Subject to FCC approval, the system would bring special public service programming to cable subscribers. As outlined, the six channels might be used for Public Broadcasting Corp. programs, weather information, medical and health information, news from Washington and selected reruns. According to NCTA director of engineering G. Norman Penwell, total costs for transmission and programming could be in the amazingly low neighborhood of \$.90 per subscriber annually. The CATV Pioneers Club also held its annual meeting during Convention and elected five new members: Albin Harry Harkins of Florida; Irving B. Kahn, president of Tele-Prompter; Robert Magness, president of Tele-Communications, Inc.; G. Norman Penwell; and Carl M. Williams, cableman and Colorado senator.

JULY

Copyright Negotiations Drag Through Post-Convention Summer

Every year the post-Convention period is something of a let-down. But in '69 nearly all activity seemed to grind to a halt after San Francisco, and the following three months were a trying time. Impatient with the limping negotiations on a copyright agreement, Senator John McClellan gave

parties an August 31 deadline for a report on compromise possibilities. The Senator again reiterated his determination to report out some kind of copyright revision bill during the current session of Congress—even though prospects of agreement among cable people, broadcasters and copyright holders seemed markedly slim. Negotiations got under way again between a new NAB committee and a delegation from NCTA.

Vermont Cable Operators Set Up Three-Man Self-Regulation Board

In Vermont, cable system operators banded together to set up a three-man board for self-regulation. Faced with continued lobbying for a PUC bill in that state, the operators decided on the counter-measure to solve any problems that might lead to state regulation.

Concentration of Media Control Comes Under Attack in Canada

Concentration of media ownership—still little more than a catch-phrase in the U.S.—came under direct attack from Canada's CRTC. The commission served notice to two of that country's large communications firms to dispose of some of their CATV financial ties. In a license application for a Vancouver, B.C. suburb, the CRTC told U.S. network CBS and Canadian cable giant Fred Welsh that they had to divest themselves of some financial interests due to "excessive concentration" of ownership. And in a separate case, the commission ruled that the Toronto *Telegram* newspaper had to sell its cable holdings. The commission cited the newspaper's ownership interest in Rogers TV Cable Co. of Toronto and also its control of Toronto TV station CFTO-TV.

Warner Bros. Says Would Like To Wire Top 25 Markets for Cable

Movie producer Warner Bros.-Seven Arts tipped its hand on cable TV plans at a system franchise hearing in July. David Hunt, Dallas vice president for the firm, revealed that Warner Bros. movies were being made available to interested CATV buyers—and also that the firm would itself be interested in wiring the top 25 markets.

Possible Telco Monopoly Position Cited as Danger by Justice Dept.

By the end of July, the Justice Department had become a familiar name with cable people—so it was with less surprise than before, though no less satisfaction, that the industry greeted another Justice filing. This time the department took on the telco threat to CATV. “The Department of Justice believes that there is serious danger that the . . . monopoly positions of telephone companies . . . may prevent the development of an independent CATV industry,” said the filing. In addition to its general comments, the department offered the FCC several specific recommendations for action.

AUGUST

FCC's CATV Task Force Lists Charges Against General Telephone

Following up the Justice Department's indictment of telco practices, the FCC's CATV Task Force opened August with a detailed list of charges against General Telephone and Electronics. Citing the precise anti-competitive factors mentioned by Justice, the Task Force noted, “A party having monopoly power in a market by virtue of its ownership or control . . . may not arbitrarily refuse to deal with competitors.”

CRTC Rejects Proposed 30% Sale Of Cable MSO, Maclean-Hunter

Ownership of CATV systems was once again the issue in Canada as the CRTC rejected a proposed sale of 30 percent of cable MSO Maclean-Hunter to the Toronto Dominion Bank. The commission ruled that, while banks are perfectly welcome to finance the Canadian CATV industry, they are not to participate in actual ownership. The CRTC said it was “concerned” about the long-range implications of banks taking equity position in communications media.

NCTA-NAB Negotiations Stalemate; Settlement Chances Appear Slim

While negotiations between NCTA and NAB committees progressed slowly if at all, a frustrated Senator John McClellan was

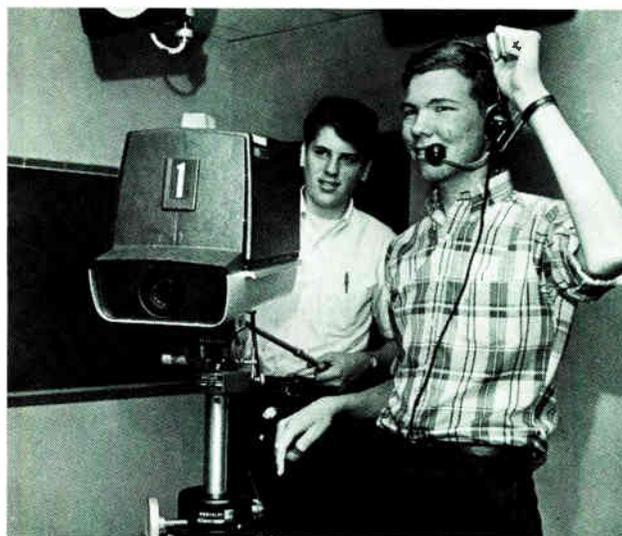
forced to admit, “I am now reluctantly prepared to support the separation of the cable television issue from the general copyright revision bill.” To cablemen, that announcement spelled one thing: Stalemate, perhaps for years. Representative Torbert Macdonald, among others, had made it clear the complex issue of CATV regulation could not possibly be dealt with without *some* form of copyright settlement. And any settlement chances looked dim at this point.

Merger Plans Announced by TPT-H&B: Result Will Be U.S.'s Largest MSO

Two of the largest multiple system owners announced merger plans in August. Tele-Prompter Corp. with something over 125,000 subscribers, and H&B American, the nation's largest with more than 230,000 subscribers, disclosed plans to merge H&B into TPT. Directors of both firms approved the plans later that month, and completion of the corporate marriage is awaiting stockholder approval and a go-ahead from the FCC. While no problems were expected in August, later months were to see the merger challenged at the Commission.

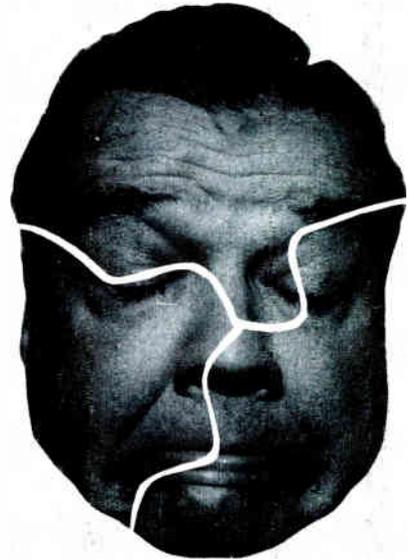
Commission Gives Go-Ahead: Limited Import for Top-Vision

Eight months after the FCC adopted its “interim rules” for distant signals, it gave its first grudging okay to a limited importation



Operating their own school activities channel, students of Massillon, Ohio's Washington High School make good use of an equipment gift by Massillon Cable TV, Inc. (Photo courtesy Akron Ohio Courier).

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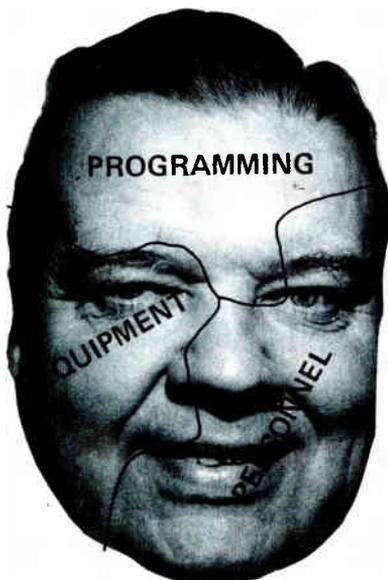
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plan for Top-Vision Cable Co. of Owensboro, Kentucky. Top-Vision, not surprisingly, had been unable to get retransmission consent from distant stations for anything except locally produced shows. Nevertheless the system petitioned the FCC for permission to carry at least those programs, and to keep trying for the others. Chairman Rosel Hyde, who was in his last months at the FCC, and Commissioner Kenneth Cox voted to deny the system's petition. But they were outweighed by their colleagues.

SEPTEMBER

NAB Copyright Proposal Rejected With NCTA Hustling for Exit

NCTA-NAB negotiations terminated abruptly the first week in September when the NCTA team walked away from the bargaining table. It took the cable representatives no longer than 15 minutes to read and reject NAB's hard-line "rules" for CATV—a regulatory outline which NCTA chairman Bill Adler characterized as "unrealistic, irresponsible" and unresponsive to the needs of the nation. Past chairman Robert Beisswenger was acting head of the delegation at the explosive meeting, and also at the table were Irving Kahn, Ralph Demgen, Bruce Lovett and attorney Walter Schier. So unreasonable were the terms of the proposed NAB plan that one NAB member himself questioned why the NCTA people spent even the scant 15 minutes on it. In formal position papers, NCTA reported to Congress on the history of the negotiations and the reasons for the breakdown. The association asked Senator McClellan to reconsider any suggested split-off of CATV from the major copyright bill, and also called the legislators' attention to still another filing by the Justice Department—this one criticizing the now-defunct NCTA-NAB staff agreement which had prohibited interconnection of systems.

United Utilities Appraises Role; Decides on Divestiture of Cable TV

United Utilities, perhaps seeing the handwriting on the wall, announced in September that it would "accept expressions of interest for the purchase of the company's CATV holdings." President Paul Henson said the firm—the second-largest non-Bell telephone system—had "reappraised" its role in CATV in light of changing regulatory climate.



Washington Governor, Daniel J. Evans turns on the new Northwest Cablevision System in Seattle, Wash., during the grand opening of the facility. Richard L. Geismar, president of Reeves Telecom Corp. looks on as both men are perched in cherry-picker baskets 20 feet off the ground.

Burch, Wells Get Nomination To Fill Hyde, Wadsworth Posts

No word as yet on a successor to NCTA's president Ford... but the White House announced two major appointments during September. Dean Burch, a Barry Goldwater protege and former Republican National Chairman, was named to head the FCC. And Robert Wells, Kansas radio broadcaster, was tapped to replace Commissioner James Wadsworth who received another government appointment.

OCTOBER

Comtel Wins NY Court Battle: Negates City Franchise Power

The CATV ball which had started rolling last month, really gathered speed during October. In New York, the state's highest court upheld Comtel, Inc. in its non-franchised New York City operation. Comtel, unlike the other three NYC cable systems, had been using telephone company facilities and had never applied to the city for a franchise. The firm's victory did not help other state CATV operators in the battle against PUC which was being waged at the same time, although the cablemen mustered a strong array of witnesses and arguments. While Comtel's win in the courts removed it from city jurisdiction, the FCC was still to be reckoned with, and more was to be heard on the subject before the year was over.

Senate Confirms Burch and Wells: Congress Busy with CATV Matters

Congress was again busy with CATV matters. McClellan had reconsidered splitting CATV off from the copyright bill, and his staff was predicting (over-optimistically as it turned out) that a bill would be reported out by Halloween. The Senate was also occupied with extensive questioning of FCC-designates Dean Burch and Robert Wells . . . and when it came to a vote late in October, both were endorsed by the legislators.

Dawn of Cable Programming: Origination/Advertising/Network

But the bombshell that made October a month to remember was Chairman Rosel Hyde's going-away present to the cable television industry—The First Report and Order on originations and advertising. It had been looked forward to with anticipation by some, apprehension by others. And it finally arrived October 24, 1969. Most significant among the new rules: Unlimited channels for origination on all systems; mandatory origination for systems with over 3,500 subscribers (to become effective in 1971); approval of advertising on cablecasting channels; application to cablecasting of the Fairness Doctrine, Equal Time and Sponsorship Identification regulations (effective December, 1969); and express encouragement of CATV system interconnection. Immediate reaction was mixed. The import

of the FCC's action, in the eyes of many both inside and outside the industry, was that CATV had "come into its own" as a full-fledged communications medium at the Commission. The First Report and Order codified what CATVers had been telling legislators for some time . . . that cable television can fill the gap in local programming, can provide a significant new public service. On the other hand, the mandatory cablecasting requirements of the First Report and Order impose a heavy economic burden on many cable operators. Few system owners have ever claimed local origination—even with advertising support—to be profitable. Adding just the cost of hardware to the other problems of buying production expertise and programming made many in the industry skeptical of the outcome.

NOVEMBER

Supreme Court Decision on 214 Alters AT&T's Cable TV Posture

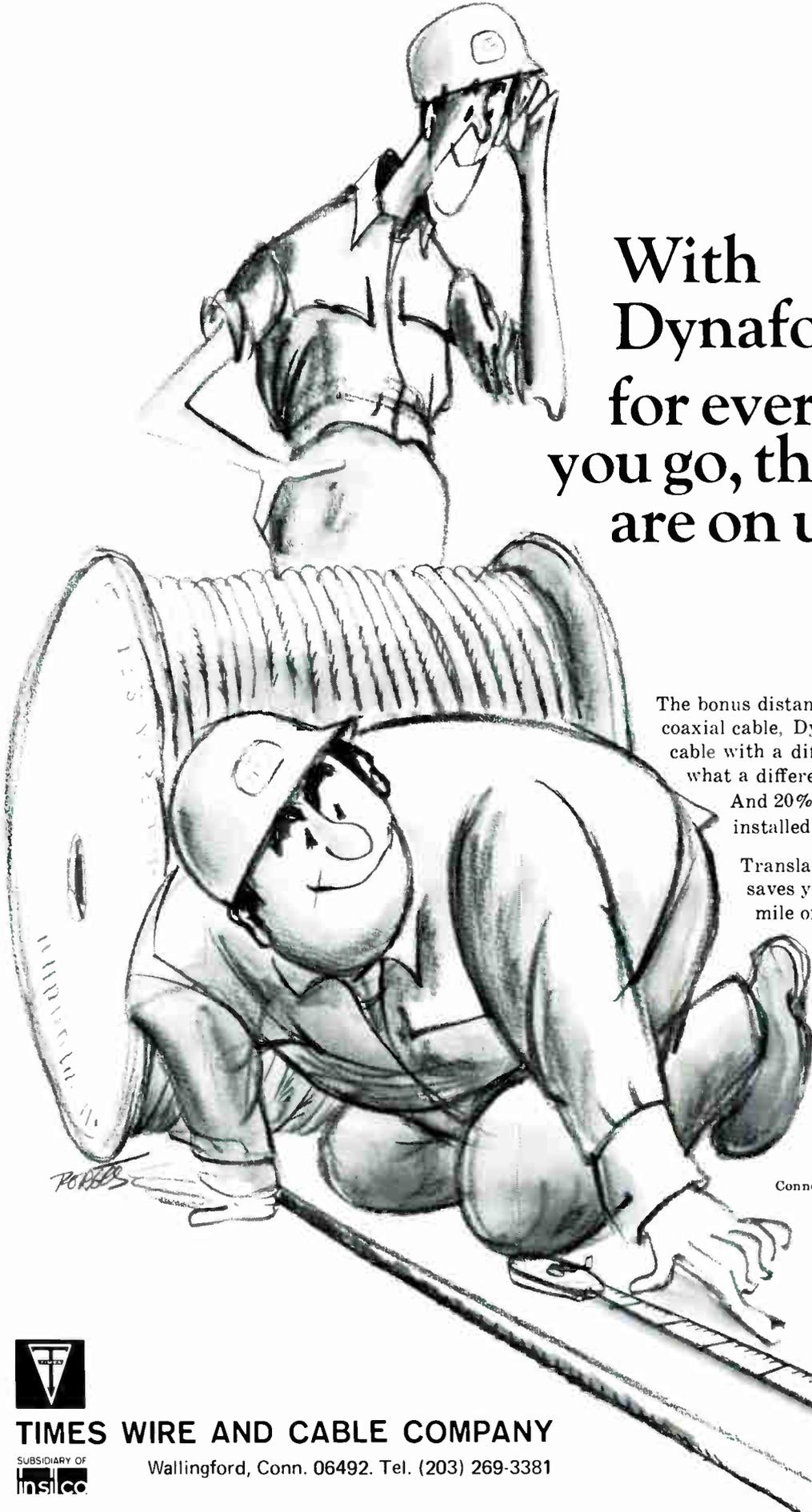
With cablemen still buzzing over the First Report and Order, the long-standing telco problem began to break loose. Faced with the U.S. Supreme Court's approval of the FCC's 214 decision, AT&T, followed shortly by General Telephone, turned around abruptly on its CATV policies. In a letter to the FCC, Bell announced it would make pole attachment rights available to more than one cable operator in an area; would, where possible, consider allowing CATVers to use conduit and duct space; and would drop all restrictions which had prevented the carriage of anything except off-the-air TV signals by cable. Responding promptly to this correspondence, Bernard Strassburg, chief of the FCC's Common Carrier Bureau, sent some pointed questions back to Bell. The policy modifications, said Strassburg, sounded suspiciously like common carrier offerings, in which case AT&T would be required to file a tariff with the FCC. On the other hand, he went on, if the offerings do not come within the scope of common carrier, "the further question is raised" whether they violate the *Western Electric* consent decree.

ETV Man, Donald V. Taverner Elected to Association Presidency

Donald Vardy Taverner . . . a name unknown to most cablemen in October . . .



Cutting the ribbon to open the new Denver offices of Communications Publishing Corporation is Congressman Donald G. Brotzman, of Colorado's Second District. Assisting Brotzman are (from left to right) Robert A. Searle, CPC president; Vernon Reece, vice president and manager of Colorado Business Development Corp.; Patrick T. Pogue, CPC publisher; Brotzman; Alexander Kirkpatrick, Denver U.S. National Bank; and Stanley M. Searle, CPC publisher.



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was probably the name most often mentioned in cable circles in November. Don Taverner, unanimous choice of the selection committee, the executive committee and the full board of directors, was named president of NCTA. Although he was not to take office until January 1970, Taverner flew to California on November 9 to be officially introduced to his new "constituents"—1100 of whom had gathered in San Diego for the annual California CATV Association meeting. Taverner's background includes no direct CATV experience, but he has built an impressive record of success in non-commercial broadcasting. As president of Metropolitan Pittsburgh Educational Television, he had operated two ETV stations in that city and in six years had tripled the station's operating budget and raised the programming to a level envied by many in the country. In his first appearance before cable operators, he emphasized his hopes for unity within the industry: "All segments of concern and interest, however diverse, will find a listening ear in the two which the Good Lord gave Don Taverner."

CARS & LDS Get FCC Approval For Local Program Transmission

Adding another piece to the rapidly changing CATV picture, the FCC gave its seal of approval to two microwave plans for cable systems. One was approval of change in the Community Antenna Relay Service (CARS) regulations to allow transmission of local originations. This change allowed such

uses, for example, as transmission of remote mobile units to head-end facilities. The other service approved (dubbed "Local Distribution Service" by the FCC) was the Tele-Prompter-Hughes system of short-hop microwave which had been in experimental use for about nine months. Although new FCC Chairman Burch and Commissioner Wells were established in office by this time, neither voted on the issue.

Two Federal Appeals Courts Rap FCC for Unfair Treatment of CATV

A "fair and mild" judicial climate was also established in November—at least from CATV's point of view, if not from the FCC's. Two Federal appeals courts (one of them the D.C. Court of Appeals which had traditionally been a "rubber stamp" for Commission decisions) rapped the FCC for its treatment of cable television. The 6th Circuit sent a non-duplication case back to the Commission; and the D.C. court remanded a CATV-translator case. In both decisions, the bench held that the Commission had not given cable operators a fair chance to present evidence and had not given sufficient reason for the unfavorable decisions. The 6th Circuit, noting that the Commission had refused non-duplication waivers in order to protect flourishing UHF stations, asked: "Could we have before us another situation where the chief beneficiaries of well-intentioned government regulations, designed to help the allegedly 'little' people, have been the quite 'big' people?"

Canada Abandons ETV Agency With CATV Channel as Replacement

In Canada, cable television achieved new status and new responsibilities. The Canadian government had been considering plans for a federal educational television agency; in a surprise announcement in November, officials said they were abandoning that program and assigning ETV responsibility to CATV instead. Cable TV licensees, said the government, will be required to set aside at least one channel for educational programming to be provided by authorized provincial agencies. Canada's Secretary of State Gerard Pelletier noted that technological advances had made the original ETV plans obsolete.



Cascade Electronics general sales manager R. Pat Brown presents Joe Derocher with the Salesman of the Year Award. The presentation was made during a seminar for the Cascade staff in Santa Rosa, California. At left is Tom Goodall, Cascade's national sales manager.

DECEMBER

TPT-H&B Get Merger Complaint: Sparks Fly in TPT-Comtel Skirmish

New York City's Comtel, Inc., which only weeks before had won a court victory in that state over the city's franchising power, and TelePrompTer, Inc., large franchised NYC system, kicked off one of the industry's most bitter disputes in December. Even though Comtel's non-franchised operation had been vindicated by New York courts, the system still had to get approval from the FCC under Section 214 in order to expand. And objections to the 214 certification were expected from the other New York City operators who had been paying a healthy franchise fee to the city for years. At the same time, Comtel's Mort David had certain grievances of his own to file with the FCC, and early in December the news was announced that he had formally protested the proposed TelePrompTer-H&B merger on antitrust grounds. According to TPT's Irving Kahn, Comtel's objection to the merger were largely self-seeking. In an affidavit, Kahn said that David had offered to withdraw his merger objections if Kahn would withdraw *his* objections to Comtel's 214 application. In his reply to David's objections, Kahn also outlined for the Commission the ambitious local origination programming plans which he said would be possible only with the "increased capital . . . to be made available by the merger."

CRTC Bars Microwave Import, But Encourages Origination Network

The Canadian Radio-Television Commission, after months of study, voted to bar use of microwave to import distant U.S. signals into Canada. In line with its "all-Canadian broadcasting" policy, the commission said it encourages the networking of Canadian CATV systems and will give "particular attention" to the development of such programming networks.

Copyright Bill Leaves Subcommittee: On Way to Completion in New Decade

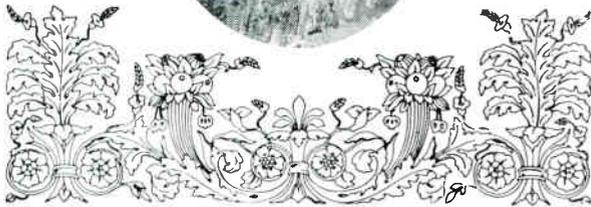
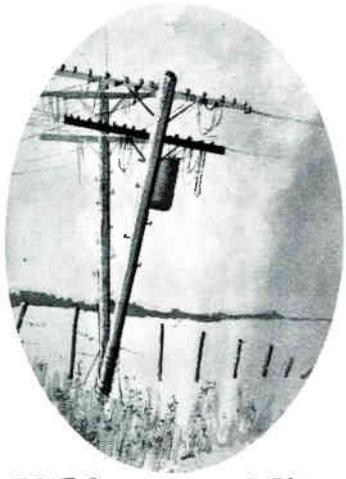
Although Senator John McClellan had promised a copyright revision bill, it was beginning to look doubtful that he would be able to produce one before 1970. But the



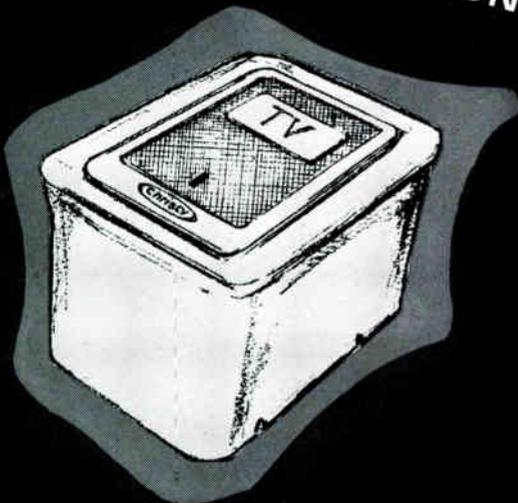
The late Dave Erwin (left) who was manager of the Harlingen/Weslaco Complex, Valley Cable TV of Texas, holds his 1969 "President's Award" given to him by Robert H. Beisswenger, president of Jerrold Electronics Corp.

seemingly impossible happened—and about the middle of December, the Patents, Trademarks and Copyright Subcommittee did indeed report out a bill. While it was far from what cablemen would consider an acceptable final bill (and from all reports, equally unacceptable to broadcasters), there was general relief at having at last something tangible with which to work. Passage of final legislation, of course, is far away; and when the bill does become law, it is highly likely that its provisions will scarcely resemble those worked out by McClellan's staff. Some of the specifics of the McClellan bill: A compulsory licensing arrangement for all systems on a graduated scale from 1% to 5%; a "basic television service" quota of signals for the top 50 markets and another quota for all other markets; a surcharge of 1% of gross for each signal above quota (that is distant signals), and the necessity for FCC approval of such importations; "grandfathering" of signals carried by present systems (that is, systems may continue carrying all signals, however many, for the basic compulsory licensing fee). Even before the subcommittee's copyright bill had cooled, the NCTA board of directors had met in Washington, D.C. to draw up a resolution. Industry leaders accepted the bill "in principle", but reserved rights to improve, clarify, or even dissent if necessary to the public interest. ■

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SPECIAL REPORT

Talk with Taverner: Preview of a President

On January 1, Donald Vardy Taverner moved into the president's office at the National Cable Television Association. Whatever the 70's hold for cable television, this change of command in NCTA can be expected to have a great influence—for better or for worse—on the fortunes of the industry.

If NCTA is to fulfill its full leadership role, a role which is a natural one for a national trade organization to play, Don Taverner will have to bring some unique and special qualities to his position. Perhaps most important, he will have to be an effective administrator; in addition he will have to be an articulate spokesman; he will have to be a diplomat outside the industry, and a straight-shooter within; and in some measure it is to be hoped that he can possess that most elusive of qualities, charisma.

Taverner's record is an encouraging one of success. At age 50, he has been assistant national director for the National Foundation for Infantile Paralysis, director of development for the University of Maine, and president of Education station WQUD and WQEX in Pittsburgh.

When he accepted the NCTA presidency, Taverner said: "I cannot imagine a more opportune time for a man to enter a key position in the organizational concern of CATV." To explore more fully this man's attitude and thoughts about cable television, the editors of *CATV* and *TV Communications* conducted a special "preview" interview with Taverner even before he took office. While the interview will appear in full-length in the February issue of *TV Communications*, some of the new president's pointed comments are excerpted here:

On the administration of NCTA: "We need to place greater responsibility on the chief executive officer and the staff of NCTA, and less responsibility on board committees. You cannot run a tight and effective ship by committee."

On the operator-member's role in NCTA: "I think it could become even more effective. I also think the individual operator should be able to make his contact directly with the president of NCTA and get the kind of answers and help he needs either from the president or through his staff."

On the many viewpoints represented within the CATV industry: "I believe that 'one cannot be all things to all people and truly accomplish.' However, I think it is obvious that a greater proportion of the operators belong within the active membership of NCTA."

On cablecasting: "Basically it is a real breakthrough, not only for CATV but for the whole communications industry."

On PUC regulation: "It is downright alarming when one considers the possibility of 50 different approaches and 'fences' determined by those who have little understanding or appreciation of what CATV can do."

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To the back
of the set...*



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<p>g</p> <p>CONNECTORS</p> 	<p>h</p> <p>LINE EXTENDERS</p> 
<p>i</p> <p>SUBSCRIBER TAPS</p> 	<p>j</p> <p>INDOOR ACCESSORIES</p> 



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Good Hearing From You

CONTROVERSIAL COPYRIGHT

● On page 11 of the December 1 issue of *CATV Weekly* the writer of "On Capitol Hill" outlines the "deal" that he favors and that NCTA apparently favors. One paragraph of the article starts off as follows: "Most cable operators have become used to the idea that in return for some kind of fair guarantee of carriage rights, they are going to have to pay."

It's easy to understand why we are "used" to the idea. We have had a steady diet of the "idea" since we won the Copyright case. The writer goes on to say that, "The hope, of course, is that payment will be equitable..." Equitable to whom, we ask—to those who plan to transport some TV station's signals via microwave. What about the hundreds of cable operators who are providing an antenna service to their customers by means of tall tower reception adjacent to the community they serve? They don't "import" signals! They don't need or plan to interconnect with microwave for "distant signal importation"! Why should these operators be saddled with copyright payment?

We paid thousands of dollars to our association in the form of dues and debentures to help win the copyright case. We won! I for one do not wish to trade off this victory. Why can't provision be made in the new bill leaving systems such as these free of copyright as the Supreme Court ruled?

Roy E. Bliss, President

Cable Television Company of Illinois
Bloomington, Illinois

● In your magazine's "On Capitol Hill," December 1 issue, you state flatly, "Most cable operators have become used to the idea that in return for some kind of fair guarantee of carriage rights, they are going to have to pay." *Who told you that?* I doubt you could list the names of operators who feel this way and name a majority of the

operators. In fact, only some of the larger operators in the industry feel this way. And they certainly have less to lose by not fighting it and just letting it happen. I don't believe that you could find 25% of the members of the NCTA who feel this way.

"This (three plus three) means that the copyright fee paid by a system owner would entitle him to that number of signals, to guarantee full TV service to the subscribers." *BALONEY!!!* Is that what you call *full TV service to the subscribers*? "If embodied in the subcommittee's bill, that three plus three formula could be something of an accepted compromise, and the broadcasters would be hard pressed to shake the idea out of the minds of the legislators." (You'd better believe it and that three-plus-three formula would most certainly be something we CATV'ers would be hard pressed to shake out of the minds of the legislators.) You keep referring to the sections of the NCTA-NAB Compromise and if your magazine is constantly read by legislators in Washington, I am sure they get the impression that we as an industry were behind that compromise. We certainly were not then and are not now. We are not ready to concede these areas to broadcasters without a fight.

If the copyright bill is a duplicate of the NAB-NCTA Agreement, then many of the smaller operators can look to a really hard road in the future. Perhaps some of the larger operators in our industry have enough systems "grandfathered" that they don't care to fight but had rather pay and build more limited facilities immediately. During the protection racket heydays, the easiest way out for a business, who could afford it, was to just pay off the protection racketeers and "not make trouble for themselves." But there just happened to be a few businessmen with guts enough to say no and stand up for what was not necessarily the easiest way out but was the right way out.

Maybe some of the people in CATV don't feel it's worth the fight but our

industry happens to include quite a few small operators. Don't they have a right to fair treatment? And doesn't the NCTA owe the small operator the same advantage? After all, we are one industry and we all pay the same rate per subscriber for membership.

Rex Porter

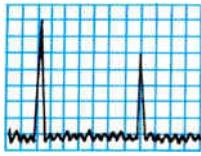
Overland Park, Kansas

Neither in the December 1 "On Capitol Hill" nor in our editorials has this publication ever held that copyright payment by all members of the industry (specifically, those operators with strictly community antenna reception services) would be fair or just. A re-reading of the column is in order for anyone who believes otherwise.

The "Hill" column is a presentation of views and an explanation of various news events as seen from Washington. The writer, Roy, was not outlining the "deal" favored by him; he was explaining some of the details of the expected bill. And, Rex, the 3-plus-3 formula is not what we call "full TV service"—it's what the compromise agreement called "full TV service."

Both of you gentlemen object to the phrase "Most cable operators have become used to the idea (of copyright)," and Rex, you go on to ask "Who told you that?" Do you remember back in 1966, in testimony before Senator John McClellan (and again bear in mind that this column is written from the viewpoint of Capitol Hill), Frederick W. Ford, then president of NCTA, told the world that CATV operators would be willing to pay copyright. There's no denying the fact that national legislators have proceeded on the basis of that testimony.

We don't deny, Rex, that you could be right when you say the majority of operators did not back the NCTA-NAB staff agreement and does not accept any copyright compromise settlement. But the actions and statements of the NCTA board of directors reflect just the opposite. As long as your majority remains a "silent majority," it can have no effect in Washington, and NCTA by default remains the sole voice of the industry. Perhaps you gentlemen can suggest a plan of action for this silent majority.—Ed.



It Beats As It Sweeps As It Cleans

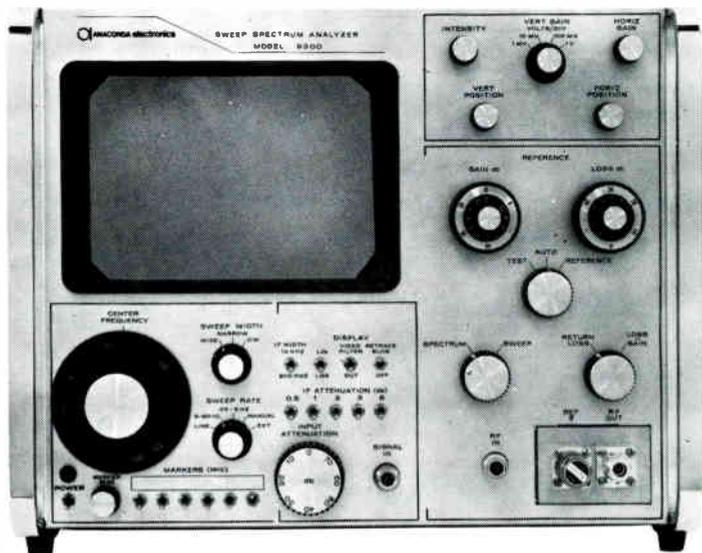
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On Capitol Hill

The Great Tobacco Debacle— What Have Broadcasters Learned?

CATV Washington Bureau—Perhaps its futile fight against a ban on cigaret advertising on radio and television has taught the broadcast industry a lesson and it will take a gracious compromise position on the copyright revision bill. If, however, as in the case of cigaret commercials, “hard-liners” prevail in the council of the National Association of Broadcasters—and they have prevailed so far—television may suffer another severe setback. That might work for the public good in the long run, but it’s hard to say. It certainly would mean delay and unnecessary bitterness and the fate of the copyright revision legislation advanced a fortnight ago by Sen. John McClellan (D-Ark.) and his Senate Copyright Subcommittee is to be watched closely.

On the cigaret issue, the broadcast lobby badly misjudged public sentiment, which has been snow-balling against tobacco ads on radio-TV, and overestimated its own ability to get its way. The NAB never believed that it would have to see the end of radio-TV commercials for cigarets, though the truth was obvious early this year. If it had read the signs correctly, the NAB could have arranged for a voluntary withdrawal of the offending commercials, provided it had the leadership to bring recalcitrant members of the industry to see the inevitability of the decision. Instead, the NAB maneuvered to the bitter end to keep the vast cigaret billings rolling in, and only after being told in no uncertain terms by key senators that no compromise would be accepted did the NAB board agree on a four-year withdrawal plan.

Even that proved to be no good, as the Senators thought it took too long. Finally the NAB came up with a two-year plan, where the issue now stands. In the meantime, the public was given conclusive evidence that the broad-

casters were acting “voluntarily” only because the Senate gave them no alternative. That’s bad public relations and bad policy all the way around.

The reason that the NAB lost that round, technically, is because legislation forbidding FCC and Federal Trade Commission action against cigaret advertising expired, and tobacco-broadcast forces needed new legislation and fell short. If it had been a matter of blocking an anti-smoking bill, the NAB might easily have won—though possibly at the cost of public relations. It is always easier on Capitol Hill to kill a bill than to get one passed. And that reasoning figures in the copyright situation.

In the case of the McClellan legisla-

tion, broadcasters can make sure it never is signed into law. That much seems certain. But, on the other hand, if broadcasters blindly refuse to compromise with CATV forces and help get a law enacted, it will be as big a mistake as they made on the cigaret issue—and, in the long run, even more serious and costly. The fact is, the tide of the public mood—and, more important perhaps, industrial planning—is running heavily in favor of cable.

If the public wants it, and industry wants it, it’s on its way. NAB can kill one bill and put a damper on this plan and that, but in the long run the powerful broadcast industry is going to have its seemingly impregnable fortresses eroded. The way the broadcast industry can best protect itself is to compromise on a copyright bill, not to insist on such unreasonable law that no law at all can be passed. Broadcasters may grumble now that a compromise is a “give away” to CATV operators, but those same provisions protect broadcasters. In a few years broadcasters are going to be grateful for any protection they can get.

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Moving Up

Bruce E. Lovett has joined American Television & Communications Corp. as vice president, corporate development. According to Monroe M. Rifkin, ATC president, Lovett will headquarter in Washington, D.C., at the firm's new offices and be primarily responsible for developing corporate programs. Lovett has served as general counsel of the NCTA since March, 1967.



Mr. Gannon



Mr. Faye

American Electronic Laboratories, Inc. has announced the appointment of

Milton Nussbaum as president of AEL Communications Corp., a wholly owned subsidiary of AEL. The firm has also announced the appointment of *J.A. Faye* as vice president of the firm. Nussbaum, a senior vice president of AEL, joined the firm in 1952. Faye joined AEL in 1962 as commercial sales manager. AEL Communications Corp. is a new firm and will engage in the development, manufacture, sale and construction of CATV systems and equipment.

Steve Jennings has been named north-eastern sales representative for Anaconda Electronics Co. by Duane Crist, vice president of CATV Marketing. Jennings has been field engineer for the past year. Previously, he was field engineer with Anaconda systems throughout the U.S. In his new position, Jennings will be responsible

for CATV turnkey and components sales for the northeastern states with headquarters in Pennsylvania.

Peter G. Gannon has been promoted to the position of sales director of TelePrompter Cable TV, according to Joseph C. Groth, Jr., general manager of the upper Manhattan cable service. Gannon had been assistant to the general manager since May, 1969, when he joined TelePrompter.

The appointments of *William E. Holmes* as assistant manager and *J. Richard Bertrand* as advertising and public relations manager have been announced by John S. Reid, managing director of Ottawa Cablevision, Ltd. Holmes, advertising and sales promotion manager since joining the firm in 1966, will continue to retain the office of sales manager. In addition, he is general manager of Pembroke Cablevision, Ltd., a wholly owned subsidiary of Ottawa Cablevision. Bertrand's responsibilities will include coordinating and directing the company's new television cable-casting facilities for both Ottawa and Pembroke. Prior to joining Ottawa Cablevision, Bertrand specialized as an advertising and public relations consultant.



Mr. Miller



Mr. Nussbaum

CBS Electronic Video Recording, a division of Columbia Broadcasting System, Inc., has announced the appointment of *Richard L. Murphy* as Northeastern district sales manager. Murphy, who was formerly with International Computer Corp., will be responsible for the New England.

JFD Electronics Corp., Components Division, has announced the appointment of *Kenneth F. Miller* to the position of chief engineer. Prior to joining JFD, Miller was director of the Applied Research Department of Bourns, Inc.

Ship To: Cable T.V. Inc.

QUANTITY	PART NO.	DESCRIPTION
500	DX-5	Matching Transformer
250	D-59GB	Grounding Block
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System Construction

CALIFORNIA: Apple Valley TV Cable has recently added an isotropic antenna to its system which serves Apple Valley Village.

Cablecom-General of Northern California, Inc. has announced that construction is presently under way in Benicia and that the system is scheduled to be completed by mid-February.

Gilroy Cable TV has announced that construction is presently under way in Hollister and that service will be available by May or June.

COLORADO: Televents, Inc. has announced that construction is nearing completion in Walsenburg. The system was scheduled to be operational by November 1, 1969, but was delayed due to bad weather.

FLORIDA: Hillsborough CATV has announced that construction is scheduled to begin shortly in Plant City.

GEORGIA: Crossroads Cable Co. has announced the installation of a new 450-foot tower which serves subscribers in Perry with 8 video channels.

MAINE: Coastal Cable and Antenna Co., Inc., an affiliate of Northeast Cablevision Corp., has announced that construction is scheduled to begin soon in Sanford.

NEW JERSEY: Washington Cable Co. has announced that construction is scheduled to begin soon in Hampton and Glen Gardner.

NEW YORK: Capital Cable-Vision Systems, Inc. has announced that construction is scheduled to begin in February or March on its system which will serve Albany.

OHIO: Millersburg Community Television System, Inc. has announced the addition of Cleveland's Channel 43 to its 8 video channel system which serves Millersburg.

Urban Systems, Inc. has announced that construction is nearing completion in Quaker City. The firm is expecting to offer subscribers 6 video channels.

OREGON: TelePrompTer of Oregon has asked the Eugene city council for permission to raise its monthly rate from \$4 to \$5. The firm offers subscribers 10 video channels.

PENNSYLVANIA: Astro Cablevision has announced plans for an expansion of its 10 video channel system which serves Corapolis.

Tex Video, Inc. has announced that construction is nearing completion on its system which will serve McKeesport.

SOUTH DAKOTA: Kota Cable TV Co. has announced that construction is presently under way in Brookings and hook-ups are scheduled to begin soon. The firm is constructing a 6 video channel system.

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Be No. 1 in the local advertisers' league. Each week's special programming has up to 320 1-minute commercial breaks available *(in Package No. 1) for custom designed sale in your community. This income means extra points in your profit picture because the low-down rates for CCI's top-notch programming is tailored to your needs. Cost is based upon number of subscribers. Even the smallest systems can use these savings to become big-time operators.

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Digest of Earnings

CYPRESS COMMUNICATIONS

Quar. Sept 30:	1969	1968
Revenues	\$897,886	\$702,860
Net loss	9,325	7,160

No calculation made for common share earnings; preferred dividend requirements exceeded net income.

GENERAL INSTRUMENT CORP.

Quar. Nov 30:	1969	1968
Share earns	\$.21	\$.38
Sales	69,265,663	63,478,696
Net income	1,716,484	2,681,914
Avg shares	6,111,392	6,016,212
9 mo share	.47	1.39
Sales	194,622,984	186,971,473
Net income	4,080,450	9,515,961
Avg shares	6,018,081	5,994,015

CITIZENS FINANCIAL CORP.

9 mo Sept 30:	1969	1968
Share earns	\$.81	\$.80
Revenues	10,980,149	9,833,186
Net earnings	879,914	863,606

RUST CRAFT GREETING CARDS

9 mo Nov 30:	1969	1968
Share earns	\$1.32	\$1.07
Sales	36,346,000	34,550,000
Income	1,531,000	1,246,000

Industry Stocks

Stock	Stock Exchange	This Week	Last Week	Year High	Year Low	Shares Outstanding
Ameco	AM	15 3/4	16 1/8	16 1/8	7 1/2	1,200,000
Amer. Elec. Comm.	OTC	6 1/2	6 3/4	16 1/4	5 5/8	1,516,432
Amer. TV & Comm.		20 3/8	20	20 3/8	11 7/8	1,775,101
Avnet		10 7/8	11 1/8	36 1/2	10 7/8	9,909,054
Cable Info Systems	OTC	2 3/8	3	4 5/8	2 3/8	995,000
Cablecom General	AM	21 5/8	22 1/2	25 1/2	8 3/8	1,605,000
Citizens Fin. Corp.	AM	12 3/8	12	28 3/4	11 7/8	994,689
Columbia Cable	OTC	13 7/8	12 1/4	14 1/2	9	876,000
Comm. Properties	OTC	6 7/8	7	10	4 1/2	644,621
Cornelia Corp.	OTC	1	1	5 3/4	3/4	
Cox Cable Comm.	OTC	25 1/4	24 1/4	25 1/4	13	3,550,000
Cypress Comm.	OTC	14 3/4	15	19	10	839,000
Entron	OTC	2 1/2	2 1/8	11 1/4	2 1/8	600,900
Famous Players Ltd.	C	12 1/4	12	19 1/4	11 5/8	6,948,000
General Inst.	NY	28 1/2	29 1/4	42 1/2	27 5/8	6,026,000
Gulf + Western	NY	18 3/4	18 3/4	51 5/8	17 5/8	15,120,860
H&B American	AM	26 1/2	26 3/4	27 1/4	13 5/8	4,972,589
Kaufman & Broad Inc.		48 3/4	50	50 1/8	29 1/2	3,900,909
Lamb Comm. Inc.	OTC	7 1/2	6 7/8	10 1/4	3 1/4	2,468,284
LVO Corp.	NY	7 5/8	7 3/8	13 1/4	7 3/8	5,692,078
Maclean-Hunter	C	17 5/8	17 1/2	18 7/8	13	2,000,000
Reeves	AM	14 5/8	14 3/8	35 1/4	12 7/8	2,163,000
Scientific-Atlanta	AM	6 5/8	7	17 7/8	6 1/2	903,442
SKL	OTC	3 7/8	5	8 1/4	3 1/2	650,000
Sterling Comm.	OTC	8 1/8	8	12 1/4	5 1/4	
TeleMation Inc.	OTC	20 5/8	25 1/4	30 1/2	14 1/2	1,086,735
TelePrompTer	AM	109	112	112	42 1/8	1,006,000
TeleVision Comm.	OTC	19 5/8	20 1/2	20 1/2	10 3/4	2,645,046
Vikoa	AM	27 3/8	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.



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Product Progress

CAB-L-DUCT CONDUIT

Cabot Piping Systems, 402 W. Central Ave., Santa Ana, Calif. 92702, has introduced the Cab-L-Duct, designed and engineered exclusively for use in the cable television industry. The unit is a conduit package incorporating tubes, sweep ells, and couplings, and is designed for maximum economy and permanence when laying coaxial cable for CATV applications. It is a conduit system manufactured entirely from a new plastic compound—Caboblend-15. This resin incorporates the virtues of high chemical resistance (will not rust, rot, or corrode in aggressive environments) with structural integrity (the ability to resist shattering, crushing, and collapsing). Installation employs the solvent weld technique. Each piece of pipe is belled on one end, thereby eliminating the need for couplings. Cab-L-Duct is available in 1½" and 2" IPS, as well as other common sizes.

WARD VIDEO SWITCHER

Ward Electronic Industries, 142 Central Ave., Clark, N.J. 07066 has introduced the Richmond Hill Labs Model EVS-7 Video Switcher. The unit is a vertical interval switcher designed especially for the ETV, CATV and Medical TV Market. It contains special effects, mixing amplifiers, and keyed insert. Due to its differential gain quality and phase characteristics, it can be used for either monochrome or color applications. The solid-state, vertical-interval switcher utilizes illuminated momentary contact push buttons, and has individual tally on each input. The unit has four isolated outputs, and has a full 3-year warranty. The unit is designed for either desk top or rack mounted installation.

TELEMATION PORTA-STUDIO

TeleMation, Inc., 2275 S.W. Temple, Salt Lake City, Utah 84115, has introduced the Porta-Studio (Model TPC-100), designed to simplify set-up for remote television productions. Two portable cases may be equipped with virtually all video and audio switching and control apparatus necessary for remote pick-ups, says the firm. Components may include such equipment as a TMV-650 Multicaster video control center, an audio mixer, and the TSE-100A screen splitter with fader bars. A second Porta-Studio may be equipped with two 9" video monitors for program and preview, and a TMV-529 waveform sampler for easy camera set-up and monitoring. When equipped with a video control center, the unit is designed to accept up to six separate video inputs. Program, preview and waveform monitoring is also possible by adding a second unit equipped with video monitors and Waveform Sampler. The unit is specified to accommodate any configuration of 19" rack equipment such as test gear, camera control unit, switching and distribution apparatus not exceeding 10" in depth. The cases are aluminum frames with "snap-off" front and back covers.

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Franchise Activity

CALIFORNIA: Arvin: The city council has awarded a 10-year franchise to American Television Corp.

FLORIDA: De Land: The city commission has granted a franchise to TM Communications Co., a subsidiary of the Times-Mirror Corp. of Los Angeles.

ILLINOIS: Alton: The city council has tentatively agreed to grant a franchise to Madison County Cable TV. Franchise fee would be on a graduated scale from 3 to 6.5 percent of the firm's gross income with rates of \$20 installation; \$5 monthly. . . . West Frankfort: Cable Information Systems, Robert Davenport and Sullivan Cable TV Systems, Inc. have each submitted franchise bids to the city council.

INDIANA: Terre Haute: The city council has granted a franchise to Indiana Cable Television, Inc. Franchise

fee has been set at 5 percent of the gross income.

IOWA: Bettendorf: The city council has tentatively granted a non-exclusive franchise to Quint-Cities Cablevision, Inc. Franchise fee has been set at 5 percent of the gross income with rates of \$15 installation; \$5.95 monthly.

MASSACHUSETTS: Tewksbury: Charles River Cable Television Co. has submitted its franchise bid to the board of selectmen.

MISSISSIPPI: Jackson: The city council is presently accepting franchise bids.

NEW JERSEY: Belvidere: The city council has awarded a franchise to Washington Cable Co.

NEW YORK: Gates: The town board has granted a non-exclusive franchise to People's Cable Corp. Franchise fee has

been set at 5 percent of the firm's gross revenues. . . . Penfield: The town board has awarded a non-exclusive franchise to People's Cable Corp.

NORTH CAROLINA: Wilson: The city council has awarded a 15-year franchise to Burnup and Sims, Inc.

SOUTH CAROLINA: Anderson: The city council has given second reading to an enabling ordinance.

TENNESSEE: Clarksville: Clarksville Cable Vision, Inc. has submitted its franchise bid to the city council.

TEXAS: Jacksonville: The city council has granted a 15-year extension of the franchise of Television Cable Co., a subsidiary of GenCoE. Television Cable's current franchise expires in three years. . . . Tyler: Television Cable Co., Inc. and Television Cable Service, Inc., the present franchise holder, have each submitted franchise bids to the city council.

WASHINGTON: Annapolis and Port Orchard: Teletronics, Inc. has submitted a franchise bid to serve these two areas.

Everyone likes to know about the weather! It's a high-interest topic that can be made to work for your system. And a time/weather channel is a proven way to build subscriber interest and add new hook-ups. R. H. Tyler time/weather units are especially designed for CATV. R. H. Tyler offers a line of 2 different units. Select yours from a price range of \$2,475 to \$4,575 . . . with equipment options ranging from a basic 4 time/weather gauges to seven, plus message panels and automatic slide programming. Your profit picture will brighten with time/weather service . . . call us for full information! 1405 15th St., Wellington, Texas, (806) 447-5841.

R. H. TYLER COMPANY

The Originator of Time/Weather Equipment for Cable Television.



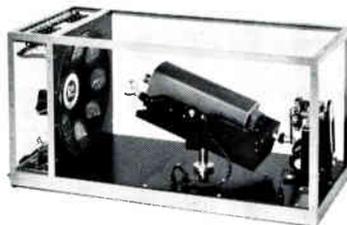
U.S. Patent, 3,226,476

WEATHER-SCAN II . . .

The economy-minded all-purpose unit. Available with up to 7 gauges, plus many camera and message options. Specify it to suit your budget. Base price (less stand) is \$2,475.

ROTO-SCAN . . .

Built for small spaces—measures only 44" by 20" by 20". Fully enclosed for dust protection. Features a unique one-way circular scanning. Several camera options available. A quality leader for \$4,200.



SLIDE-SCANNER . . .

Great new versatility for your public service and advertising messages! Concord MTC-18 camera and Kodak 88-slide carousel projector give almost unlimited message capacity. Easily phased into Weather-Scan II operation. Complete as shown only \$1,084.

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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.

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.

ELECTRONIC TECHNICIANS

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.

JERROLD ELECTRONICS CORP.

401 Walnut St., Philadelphia, Pa. 19106
An Equal Opportunity Employer

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.

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.

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

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.

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.

CABLE COMMUNICATIONS MARKETING and ENGINEERING POSITIONS

The Cable Television Systems activity of RCA has immediate openings in its marketing and engineering organizations.

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

Man of the Year



IRVING B. KAHN

Summer, 1960: *"I am not suggesting that you change the character of the CATV industry from purely an antenna reception service. I am saying it is being changed for you. I say to you as a community antenna operator, that the status quo will not remain; that if you do not move in new directions, others will move in ahead of you."*

Spring, 1965: *"I would be willing to predict that within a decade, 85 percent of this country will be wired."*

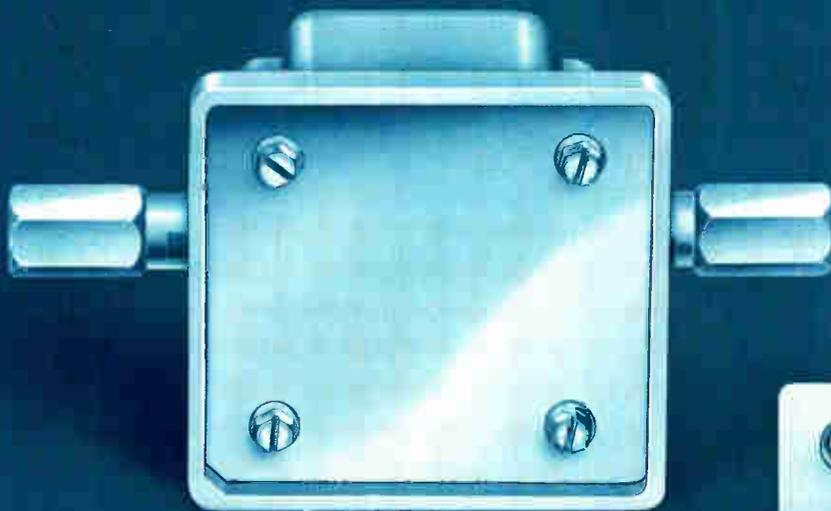
Winter, 1969: *"The new FCC regulations, far from stifling CATV, invites the industry to take a giant step forward. We will enter the programming area forcefully. CATV has a manyfold potential for growth, both within the framework of its present function as a reception service and through long-term participation in the communications explosion that promises so much for the future of all mankind."*

Visionaries are rarely the best-liked of men . . . they, after all, shake the confidence in the *status quo* . . . threaten the solidarity of old established patterns . . . and arouse the nearly universal fears which impending change causes. They are abrasive sometimes . . . outspoken usually . . . intolerant perhaps of those who move more slowly than they.

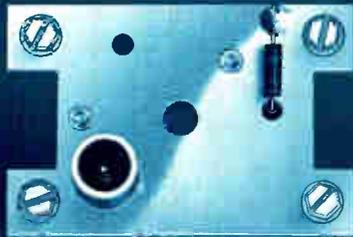
When Irving Kahn first "happened" to CATV, many were skeptical and some scoffed openly at the "blue-sky" dreams of this wheeler-dealer from New York City. But the visions which Irving Kahn has for cable television have an uncanny way of becoming truths; and over the past nine years, as dream after dream has materialized, the gentleman who heads TelePrompter Corp. has commanded an increasingly respectful, although sometimes grudging, audience.

Through the years—and 1969 has been no exception—Irving Kahn has been more than generous in the time he's devoted to the cause of CATV through the NCTA. But it is perhaps in his private activities as purely a businessman that he has rendered the greatest service to his industry. He was one of the first to publicly point out that the ultra-restrictive distant signal regulations could, in fact, lead to accelerated development of CATV as a medium in its own right. And that is the path down which he led his firm through 1969. Under his hand, TPT became a program supplier (through acquisition of Krantz Films primarily); an innovator in local programming (with such unusual experiments as providing native-tongue newscasts for Spanish-speaking subscribers); a leader in new technology (with the successful Local Distribution Service, short-haul multi-channel microwave system); and promises to be the largest multiple system operator if the proposed merger with H&B is consummated (although the combined strength of the firms would still represent less than 10 percent of today's cable system industry).

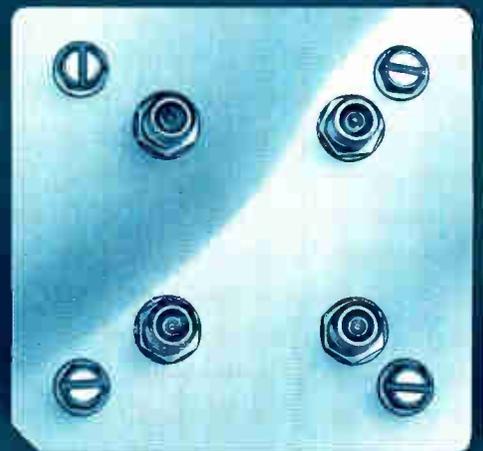
What Irving Kahn and TelePrompter have accomplished in 1969 is certainly profitable for that company . . . but, perhaps less noticeably, profitable for the entire cable communications industry as well. Because if past patterns hold true, the 1969 strides of Irving B. Kahn will mark out the new paths which many will follow in the decade of the 70's.



HOUSING WITH THRU-LINE



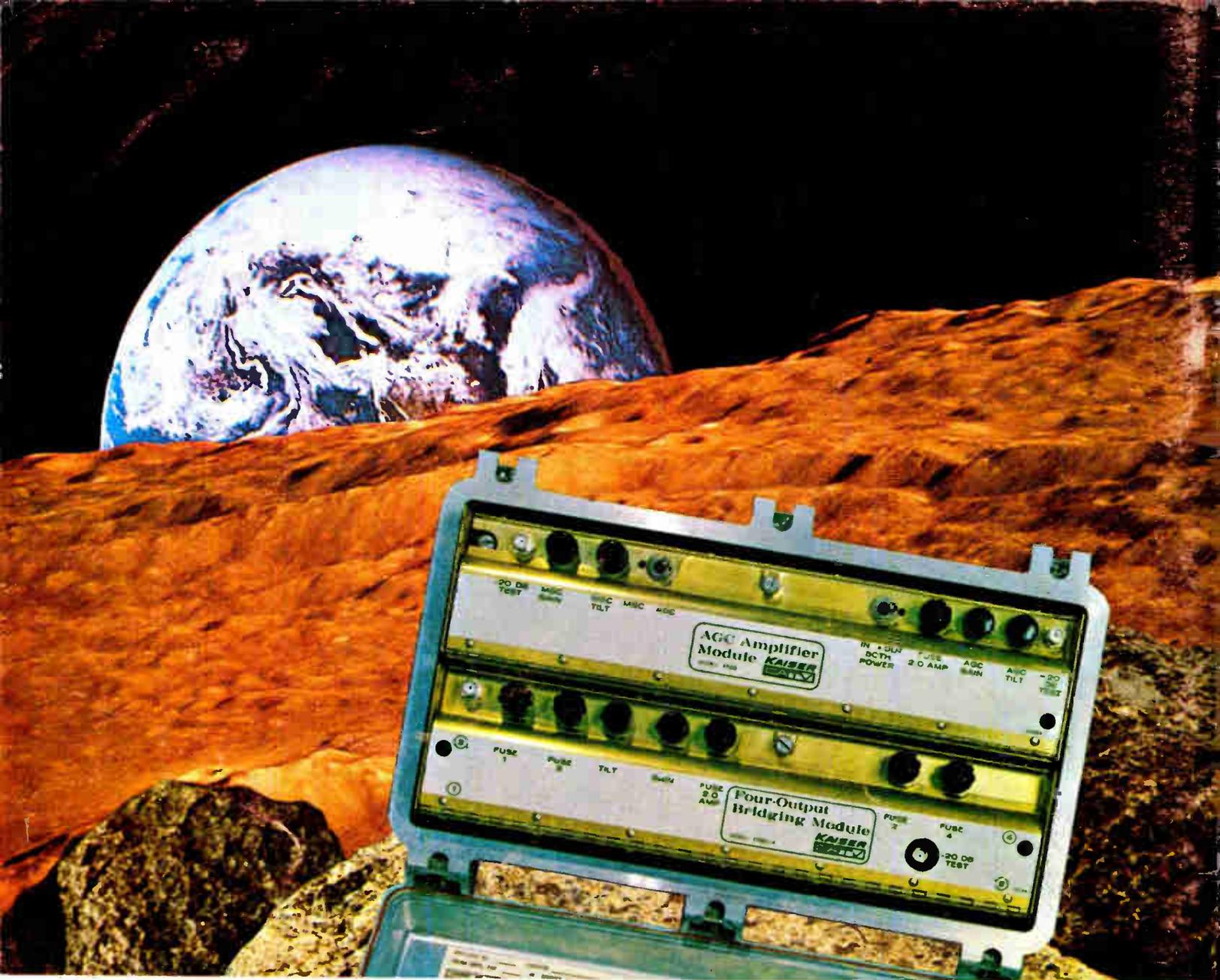
TAP ATTENUATOR MODULE



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



Phoenixian Series

X-TENDED RANGE

SPACE-AGE EQUIPMENT DESIGNED BY AEROSPACE ENGINEERS

In weightless space, or high up on a pole, aerospace engineers know the importance of "human-engineering." That's why the Kaiser CATV Phoenixian XR Series has finger-tip operated controls and switches. They are lined up so you can count them by touch if you can't see them (ever been up a pole during an Earth storm?).

Designing equipment for use in

a gravity field means everything must be *secured* so that what goes up cannot fall down... access port plugs, lid bolts, dust covers, etc.

Such attention to details is one benefit of equipment designed by aerospace engineers... advanced circuitry is another. Phoenixian XR Series complete push-pull circuitry offers up to 36 channel operation — that will

give you an idea of the advanced state-of-the-art this space-age equipment has attained. To find out all about the Phoenixian XR Series write: Kaiser CATV, Division of Kaiser Aerospace & Electronics Corporation, P. O. Box 9728, Phoenix, Arizona 85020.

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