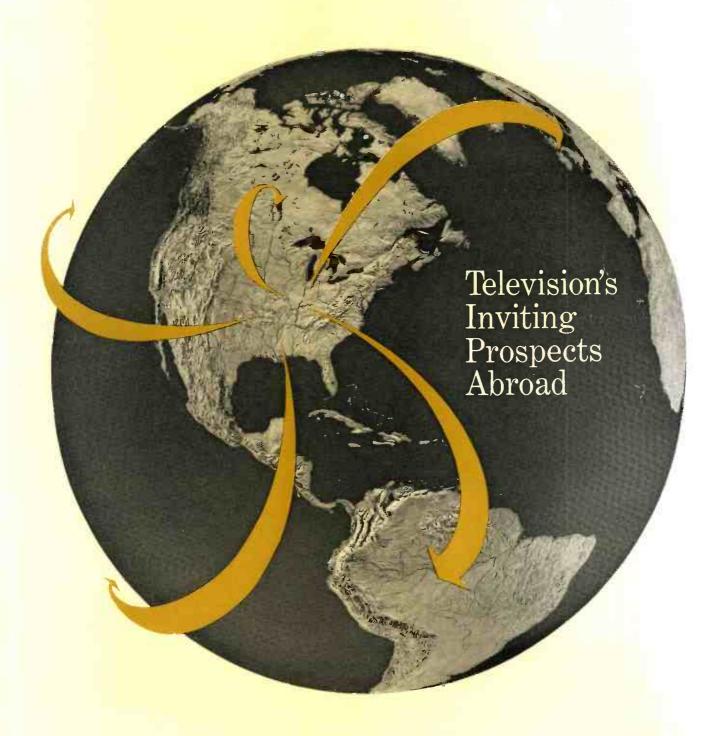
TELEVISION

New perspective on TV markets; Guide to Christmas shopping for your favorite executive; The stormy career of Edward Petry





THE BUSY RED PHONE AT TTC!

All TTC stations base their operations on deep, penetrating news coverage . . . especially on the local level. Now 54 men and women in the 7 TTC newsrooms are united into a team by this new TTC red-phone hookup. With stations on each coast and in Mid-America, TTC newsrooms will get first hand reports -- first -- from any area.

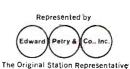
• The point of all this is not just to trumpet about what

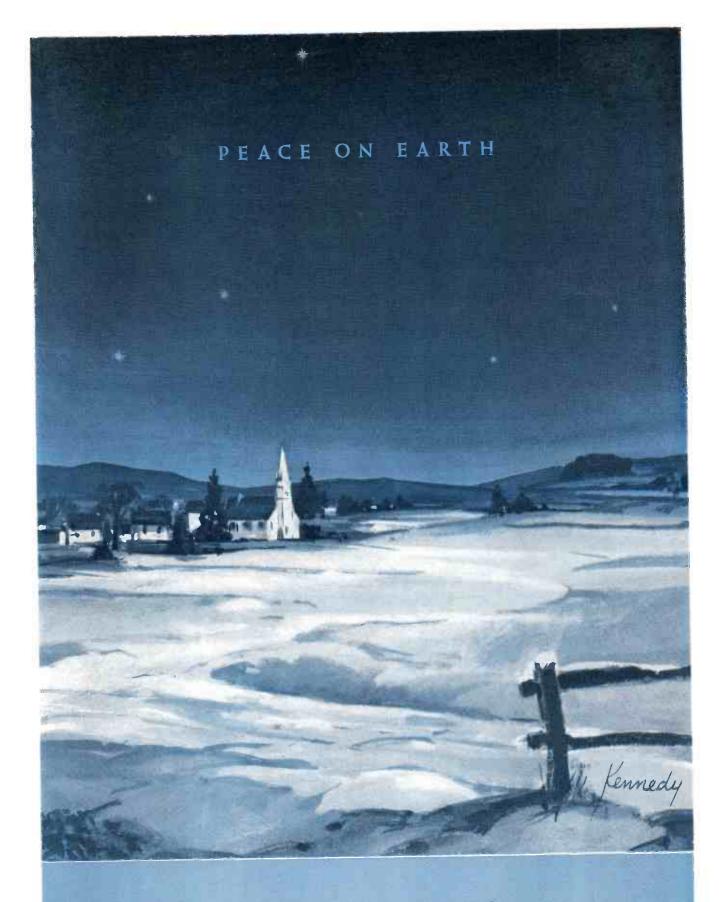
big operators we are in news. The point is that a large part of the selling force of TTC stations is generated by this news policy . . . and we can prove it. • TTC stations will continue to concentrate on substance in programming, because we believe real substance is the only quality that will continue to support broadcast sales long after the fads have faded out.

TRANSCONTINENT TELEVISION CORP. • 380 MADISON AVE., N.Y. 17

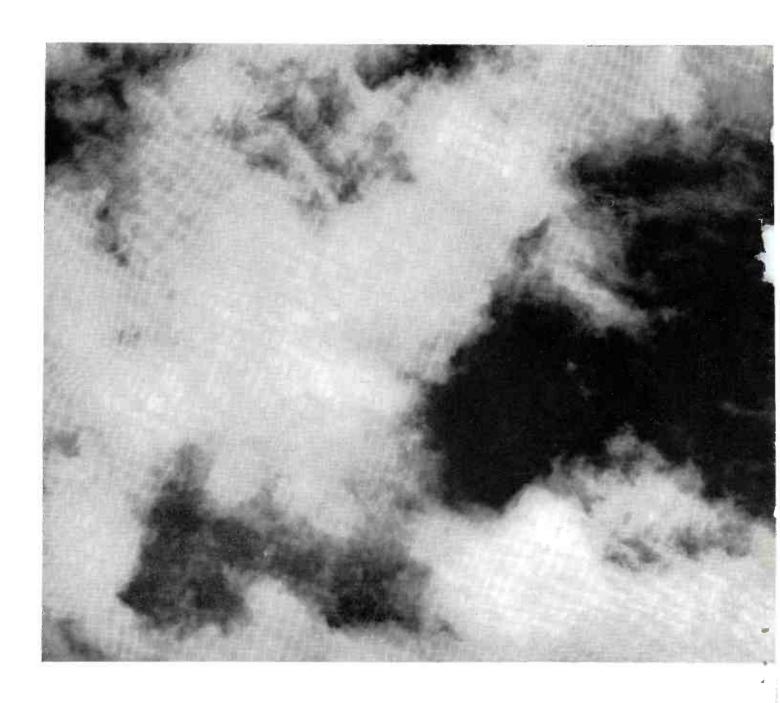
SYMBOL OF SERVICE

WROC-FM, WROC-TV, Rochester, N. Y. • KERO-TV, Bakersfield, Calif. WGR-FM, WGR-AM, WGR-TV, Buffalo, N. Y. • KFMB-AM, KFMB-FM, KFMB-TV, San Diego, Calif. • WNEP-TV, Scranton—Wilkes-Barre, Penn. WDAF-TV, WDAF-AM, Kansas City, Mo.





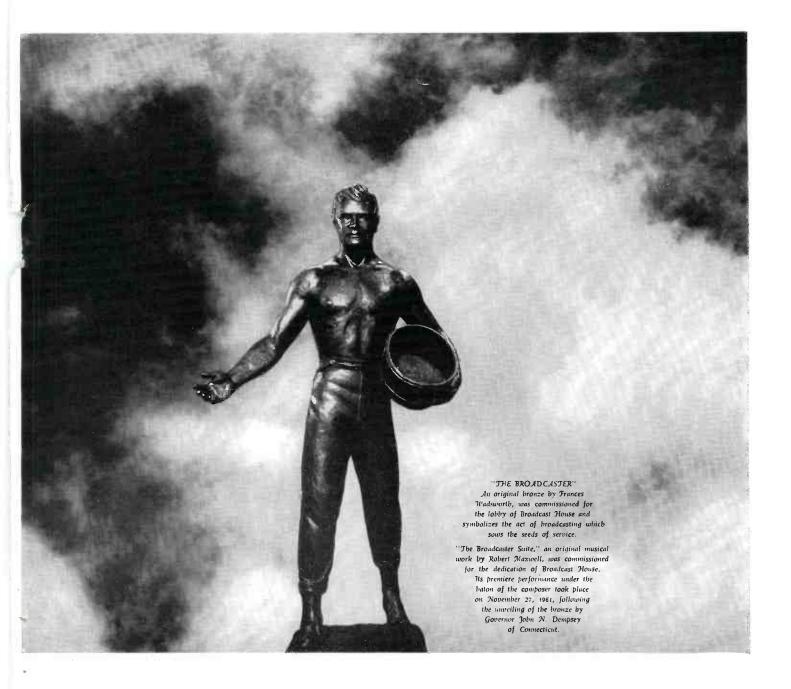
EDWARD PETRY & CO., INC.



A TIME OF RENEWAL

Broadcast House, new four-story home of WTIC TV-AM-FM is the first unit to be completed and occupied in Constitution Plaza, an area of urban renewal which boldly foretells of Hartford's bright future. The challenging opportunity to serve the vigorous, enterprising mind and spirit of the people of Southern New England has been ours for 37 years.





A TIME OF REDEDICATION

With a deep awareness of our history-filled past, we now dedicate ourselves anew to the fulfillment of that greater service which Broadcast House and its facilities make possible.

and whorever

WTIC · TV3 · AM · FM

Broadcast House

3 Constitution Plaza

Hartford, Connecticut

TETEVISIO

of development in 82 countries outside the United States. But not to the businessmen of U. S. television, who've discovered in their foreign colleagues a major source of future revenues. While these foreign TV interests are developing in their own directions, many of them rely on the U.S. for program product, investment, equipment and know-how. Here's a status report on what's happening in this new market, and what the prospects are for the future
AROUND THE WORLD WITH TELEVISION As a companion piece to the major study of trading in the world TV market, this issue presents the most complete and up-to-date listing of television station facilities around the globe, compiled by official government agencies. It begins on page 90
REVENUE v. TV HOMES There are many ways to rank U.S. television markets—by revenues, by TV homes, by buying power, etc. Here's a new one: revenue per television home. An exclusive research study combines official FCC revenue figures for three-or-more-stations TV markets with Television Magazine's own set count information to determine market revenues in relation to homes. It presents some interesting contrasts, and raises some interesting questions
CHRISTMAS SHOPPING GUIDE A handy solution to the problem of what to buy your favorite television executive for Christmas. Especially helpful if the giver happens to have a spare \$1,399,330.10 to devote to the project. Between the lines you may get the impression that the business of television is not for the penniless, and that it takes something more than good intentions, an FCC license or even a willing client to do business in TV
CLOSEUP: EDWARD PETRY He's the man who originated the concept of exclusive station representation as it's known today—and one of television's more colorful, albeit controversial, business executives. Ed Petry commands fierce loyalty from his associates and deep respect even among those who don't relish his brand of aggressive salesmanship. His life, his hard times, his success are put into perspective in this month's Television Closeup
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Focus on Business

Playback 28

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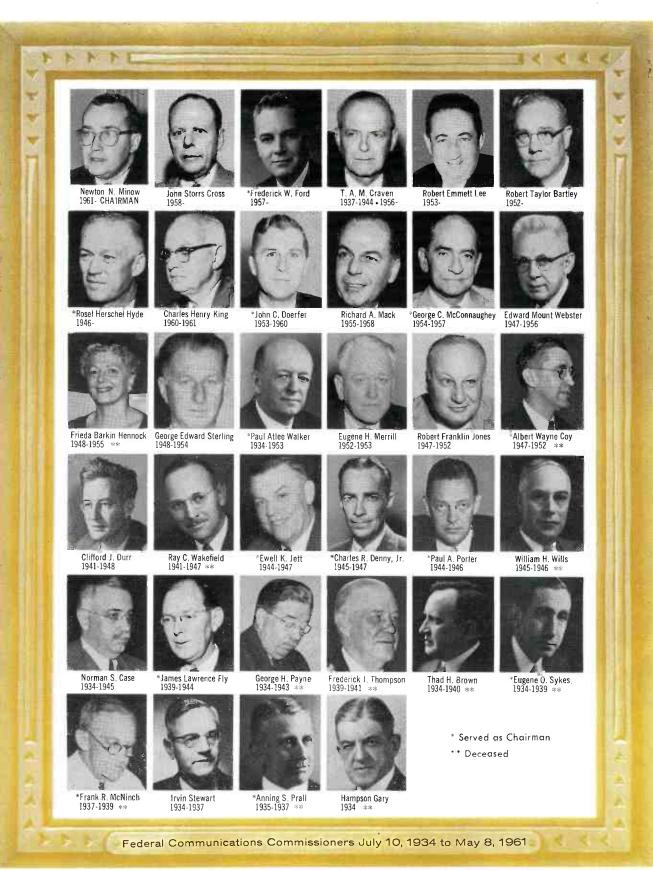
Cover: The world of television is growing, but the focus still is on the United States. The cover illustrates how American product, investment, equipment and knowhow are leaping from this country to TV interests abroad. The story beginning on page 57 details what's happening on both sides in this new area of international TV.





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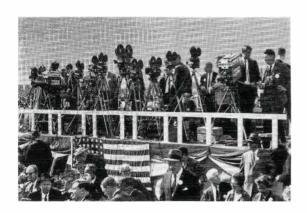


Reprinted by request · WGAL-TV · Lancaster, Pennsylvania

THE PRESIDENT SPOKE HERE. On October 29th, 1961...Big Cedar, Oklahoma, an obscure crossroads in the middle of a 3,000,000-acre forest...with inadequate communications, electric power, hotel, motel, or service facilities. TELEVISION SYSTEM, INC.

...AND WKY-TV TAPED THE CEREMONY WITH LIVE TV CAMERAS

the only Oklahoma tv station that did!



Friday, 2 P.M. WTVT, Tampa, Florida dispatched self-contained mobile tape unit on its 1300-mile non-stop trip. This is the same unit chosen to cover the Cape Canaveral Astronaut flight for CBS-TV.

Saturday, 2 P.M. WKY-TV mobile unit arrived at Big Cedar. Also WKY-TV news staff arrived to cover the event for UPI and NBC-TV.

Sunday, 2 A.M. WTVT mobile unit arrived at Big Cedar. Completed setting up facilities coordinating both mobile units

Sunday, 9 A.M. WKY-TV airplane on watch 50 miles away (clear of the Presidential security air-space over Big Cedar) as a standby relay communications link between Big Cedar and Oklahoma City.

Sunday, 2:30 P.M. Presidential coverage completed without trouble.

Sunday, 2:50 P.M. Tapes rushed through mountains to Poteau airport, flown back to Oklahoma City in WKY-TV plane.

Sunday, 5:50 P.M. Tapes arrive at station.

Sunday, 6:00 P.M. Cancelled commercial program to telecast complete half-hour taped Presidential ceremonies

Covering an appearance by the President of the United States is never an easy job. But when the appearance is scheduled in the middle of a forest served only by two roads, it gets about two steps beyond difficult, and a half-step short of impossible.

It took complete cooperation between the two stations in the WKY Television System ... WTVT, Tampa, and WKY-TV, Oklahoma City.

We had the facilities...the personnel...and we felt it was in the public interest.

And even though the coverage was an "exclusive," we offered the telecast to all Oklahoma television stations for rebroadcast at no charge. This is in keeping with **WKY-TV's** and **WTVT's** long-established public service policies.



These two mobile units traveled a total of 3,000 miles to tape the President's 30-minute address. Given just 48 hours notice to set up the facilities, an 12-man crew put in a total of 500 man-hours to establish communications, power and TV facilities in the heart of the forest.

WKY-TV-Oklahoma City · WTVT-Tampa-St. Petersburg

Represented by the Katz Agency

WSB-TV is proud to be **ONE** of the three!



Ray Moore, news director, and Dick Goss, cameraman, show RTNDA Award to Marcus Bartlett. WSB-TV general manager

Forty of the nation's finest television stations entered the 14th annual competition of the Radio Television News Directors Association. Three awards were made: WDSU-TV, New Orleans, for "On-the-Spot Reporting"; WNBC-TV, New York, for "Community Affairs"; and WSB-TV, Atlanta, for "Editorializing." All three were recognized for distinquished achievement in broadcast journalism. The award made to WSB-TV was based on a program produced last year, "Desegregation: New Orleans." This was one of a series of programs that, over a period of a year, helped pave the way to peaceful integration of public schools in Atlanta. This type of programming is traditional at WSB-TV.





iffiliated with The Atlanta Journal and Constitution. NBC affiliate. Associated with WSOC/WSOČ-TV, Charlotte; WHIO/WHIO-TV, Dayton.

FOCUS ON BUSINESS

A guessing game, the hour show gone lame; revenues rise

Guessing what the 1962-63 television season will look like is almost as much fun as picking a successor for Jack Paar. The game is to pick up clues from current program shuffling and select the best-sounding rumors. Ratings also count. Taking out programs on your own is forbidden—announcement must first come from the networks.

If there is a positive programming trend this season, few observers are yet to spot it. This, however, does not stop speculation.

While the trade conjecture is that many 1961-62 shows are "in trouble," only two so far are officially scheduled for axing in January, ABC-TV's Roaring '20s and CBS-TV's Investigators. ABC's Calvin & The Colonel is on a "leave of absence." NBC-TV has announced no changes in schedule. It's network "hold-the-phone" time. More announcements should be in by January.

The CBS replacements for the hour hole left by *Investigators* in its Thursday night schedule will be *Password*, a successful daytime game show, and *Tell It to Groucho*, the return of a hero to the network wars.

ABC has plugged the Tuesday night gap left by the sudden yanking of Calvin by moving New Breed down to 8:30, following it with Yours For a Song, a new Bert Parks music-game show. The bouncing Calvin and a new situation comedy, Room For One More, will fill the Roaring '20s Saturday night void.

Are new patterns emerging?

"Now," say the prophets, "notice the accent on half-hours in this? See the quiet drift to the personality and game show? Don't 1962-63 programming patterns look a little clearer?"

Perhaps they do. The one-hour show, expensive to produce, hard to sell, a colossal loss if a season failure, may have reached its saturation level. One report

has it that roughly 65% of Hollywood's telefilm product destined for 1962-63 is in half-hour form.

The crime-action show is trending toward the same status as the western. With an increasingly selective audience, only the first-rate series seem to succeed. Straws in the wind, based on early ratings, include a heightening interest on the part of advertisers in anthology shows and live programming, panel and audience-participation.

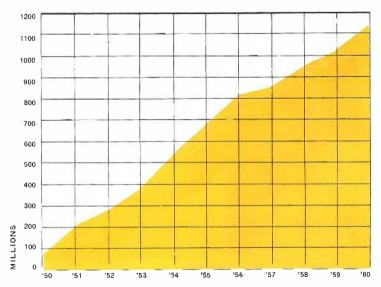
The first national Nielsens have been hard on the new 1961-62 entries. Only three new series finished in the first top

20 listing. Nielsen has NBC and CBS in a close race on ratings, ABC a tag-along third. The NBC upsurge is from a weak third position last season—the cycle pattern which characterizes the network TV merry-go-round.

If the 1962-63 season, perked by "Minow Magic," is anxiously awaited, an event more close at hand—the network testimony in the FCC's programming inquiry—is taking further moments of industry speculation.

The network hearings start January 9 in Washington, the completion of the long, legally-tangled proceedings which

TOTAL U.S. TELEVISION REVENUE 1950-1960*



*FCC reported time sales

BUSINESS continued

began back in May 1959. The outcome of the probings into the policies and practices of the network TV programming process? Most knowledgeable observers predict some form of government control, with not a few seeing FCC licensing of the networks—whatever that may entail.

Control or no control, the U.S. broadcasting industry continues to prove itself big business. The FCC's 1960 TV financial rundown, released last August, showed total U.S. television revenues up to \$1,146,272,000, a 6.5% increase over 1959. Last month the FCC added AM and FM radio revenues to the television take, making 1960 a \$1,866,300,000 total broadcasting year—a bullish 8.3% jump over 1959. Combined radio-TV profits vaulted 9.6% to \$290 million.

vaulted 9.6% to \$290 million.

Helping broadcasting, and especially television, is the increasingly high cost of air advertising. Figures released by a top agency media director made TV advertisers groan at the recent Association of National Advertisers meeting.

The media director reported that the gross time cost for an evening half-hour program has gone up 57% in the past five years. During the same period, he said, the total number of homes having TV sets has gone up 48%. But ratings have gone down, leaving a net 26% increase in viewing homes.

This disparity of figures was countered by a TV man present. He charged that increasing costs are partly the responsibility of the advertiser. He said that earlier program decisions by advertisers would help hold down production costs, which he said are now up to \$120,000 for the average half-hour pilot film.

The situation in Canada

News out of TvB Canada has that nation, a key overseas U.S. market, making dramatic headway in television, both physically and from the advertising standpoint.

Since 1953, reports TvB Canada, television advertising expenditures have risen 1,341%. TV expenditures by Canadian advertisers will be an estimated \$91 million in 1961. There are now 4,093,000 TV sets in Canadian homes, compared with Canadian newspaper circulation of 4,091,025. Television is in nearly nine out of 10 Canadian homes, comes in for an average use of nearly 40 hours a week.

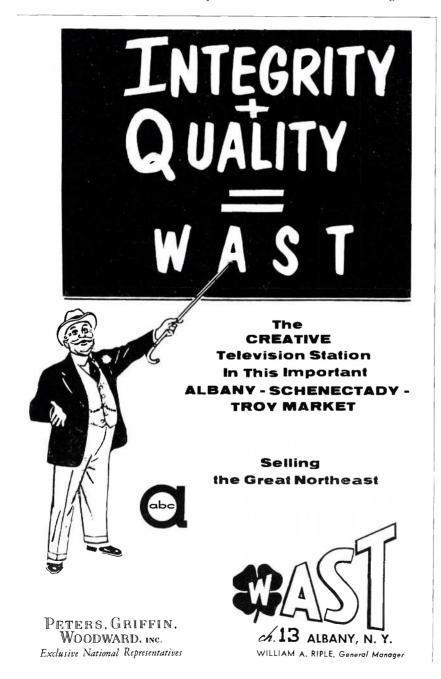
In the important food commodity classification, the growth in TV investment has been far ahead of any other medium. In 1955, says TvB Canada, newspapers and magazines commanded 46% of the food advertisers' dollars, radio took 37% and TV 17%. In 1961, the food advertisers arranged their budgets 32% to newspapers and magazines, 12% to radio and 56% to television.

The top 10 advertisers in Canada put an average of 39% of their total budgets into TV in 1960.

U.S. TV food advertisers, in the first eight months of 1961 alone, have sunk almost as many dollars—\$90.3 million—in network television as will all Canadian advertisers put in all Canadian TV this year.

Five product categories, according to TvB, rose past the \$50 million mark on network TV during the first eight months of 1961. The food and food product classification, leading product category, was up 21.7% over 1960's \$74,-209,115.

The four other leaders: soaps, cleansers and polishes up 26.1% to \$57.4 million. Drugs and remedies up 10.8% to \$59.8 million. Toiletries up 9.6% to \$82.4 million. And smoking materials up 8.4% to \$55.4 million.





graph ALREADY SOLD IN TOP MARKETS

All on a 52 week basis — biography has been sold regionally through BBDO to Pacific Gas and Electric Company for 7 north and central California markets (including San Francisco). Biography has been sold via Benton and Bowles to Chemical Bank New York Trust Company for WNBC-TV. Biography has been sold to KRCA, NBC's Los Angeles Flagship. Everyone who sees biography is sold on the great appeal of this fine new series — with its dramatic use of historical and new film footage about great men (living and dead) of the past 50 years. These could be your 'lives' for a bigger, better selling season.

films in production

Babe Ruth Charles Lindbergh General Douglas MacArthur Mahatma Gandhi Admiral Richard Byrd

Will Rogers Woodrow Wilson Knute Rockne Franklin D. Roosevelt Al Jolson Duke and Duchess of Windsor

Clarence Darrow Albert Einstein

Winston Churchill

call, wire or write for a



General Pershing

Harry Houdini

Thomas Edison

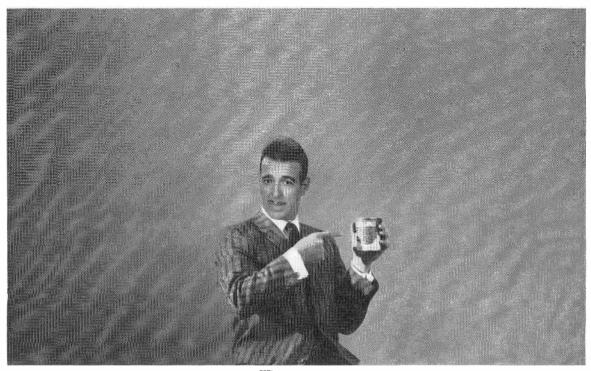
Sigmund Freud

Greta Garbo



anradiohistory.com

What do you have to be to really sell them?



Ernest.

Saleswise, the importance of being Ernie has been amply documented by his success with his one sponsor over the past four years.

What's special about Ernie is, of course. his warm, natural naturalness, his unaffected affection for people. A selling talent, in total, that makes him pea-pickin' perfect for daytime viewing.

Now that he's bringing all this specialness to ABC-TV Daytime, come April 2nd, we're being pretty special about the selling company he'll keep...keeping it confined to a limited number of sponsors. Three (Lever, Bristol-Myers, J & J) have already signed.

The remaining availabilities should not long remain available.

The Tennessee Ernie Ford Show on ABC Television-Daytime

FOGIS ON PEOPLE

Two advertising organizations elected new officers: the American Association of Advertising Agencies and the Association of National Advertisers. Named as chairman of the board of the AAAA was Marion Harper Jr., chairman of the board and president of Interpublic. He succeeds Edwin Cox, who retired for reasons of health from the association and from his chairmanship of the executive committee of Kenyon & Eckhardt. Harper, who has been active in the AAAA since 1946, was named president of Interpublic (then McCann-Erickson) in 1948, has been chairman for the past three years. John Crichton, editor of Advertising Age, was voted AAAA president-elect. He joins the 4As in January 1962, and takes office in May, when president Frederick R. Gamble is due to retire. Crichton has been with Advertising Age since 1941.

The Association of National Advertisers elected John Veckly, director of advertising for U.S. Steel and former vice chairman of the ANA, to the post of chairman of the board. Veckly was previously with Curtis Publishing Company where he served as advertising and promotion manager for the Saturday Evening Post and Holiday. He moved over to U.S. Steel in 1955 as assistant director of advertising until named to his present position in 1957. Max Banzhaf, director of advertising, promotion and public relations at Armstrong Cork, was elected vice chairman of the ANA. Banzhaf joined Armstrong Cork 25 years ago as a sales trainee, was soon transferred to advertising at Armstrong.

Succeeding Clifford L. Fitzgerald as president of Dancer-Fitzgerald-Sample was Chester T. Birch, former executive vice president. Birch, who joined the agency in 1952 as a vice president, was previously v.p. and advertising director for the Andrew Jergens Co., Cincinnati. Fitzgerald becomes chairman of the board.

The Wexton Company announced the appointments of three major executives. Larry Schwartz, president of the agency since 1953, has been named chairman and chief executive officer. Martin Solow, formerly executive vice president, becomes president and creative director and Adrian Price has been named executive vice president and supervisor of client service. Schwartz joined Wexton in 1947, previously worked at General Electric, ABC and R. H. Macy. He also served as a member of the faculties of CCNY's School of Business and the Management Institute of NYU. Solow had his own agency, Creative Advertising Promotion Services, when he was asked to join Wexton in 1957. Prior to that he was assistant to the publisher of *The Nation*.

NBC announced the appointment of Grant A. Tinker as general program executive. NBC Television Network. He comes to NBC from Benton & Bowles, where he had been vice president and director of programming for the past two years. Earlier, he was with McCann-Erickson for five years as director of program development and with the NBC Radio



CRICHTON



HARPER



VECKLY



BANZHAF



BIRCH

SOLOW



SCHWARTZ



CURRAN



TINKER



TELEVISION MAGAZINE / December 1961

Network where he served as operations manager.

Seattle lawyer Stimson Bullitt has been named the new president and chief executive officer of the King Broadcasting Co., succeeding his mother, Mrs. A. Scott Bullitt, who will continue as chairman of the board. Bullitt has been an officer and director of the broadcasting company since it was founded in 1946 and president since 1954. He is a partner in the law firm of Riddell, Williams, Voorhees, Ivie & Bullitt in Scattle. King Broadcasting owns and operates KING and KING-TV Seattle, KREM and KREM-TV Spokane, and KGW and KGW-TV Portland.

Storer Broadcasting named Bill Michaels vice president for television and Terry H. Lee vice president for business planning and development. Both are board members. Michaels, who fills the position formerly held by George B. Storer Jr. (who was elected president recently), joined Storer in 1953 when the company purchased KABC San Antonio, which he had been managing. In 1954 he was appointed general manager of Storer's wjbk-tv Detroit; two years later he became a company v.p. Lee, who continues his supervision of Storer Programs, a wholly owned subsidiary, joined the company in 1958 as general manager of WVUE Philadelphia, subsequently managed Storer stations witi-tv Milwaukee and waga-tv Atlanta.

The Broadcasters' Promotion Association elected its new officers at a general business session held during the BPA's three-day seminar at New York's Waldorf-Astoria Hotel. Named as president was Donald Curran, director of advertising and promotion for ABC o-and-o stations. Other new officers are: James Bowermaster, promotion director of wmt Cedar Rapids—first vice president, and Clark Grant, promotion director of wood and wood-ty Grand Rapids—second vice president.

Others on the move:

General Foods elected James D. North and Charles Overbeck vice presidents of the corporation. North, with General Foods since 1937, will function as vice president-marketing services. Overbeck assumes the newly-created position of vice president-research and technology.

NBC named three new vice presidents: Charles R. Abry, general sales executive of the television network; Ernest Lee Jahncke Jr., standards and practices, and Angus Robinson, vice president, television network sales, Central Division.

David E. Guerrant, former president of John W. Shaw Advertising, Chicago, has been named president of MacFarland, Aveyard & Co., same city. Guerrant, in the agency field for 20 years, was formerly with the Campbell-Ewald agency.

Frank Walsh of Compton Advertising has been elected a vice president. He was formerly the agency's Chicago research director.

Cunningham & Walsh appointed Richard H. Depew director of television programming.

James A. Stabile was promoted to the newly-created position of vice president and associate general attorney, National Broadcasting Co. He had been v.p., staff, NBC Television Network since November 1960.

James Conley, general sales manager of wcau-tv Philadelphia, has been appointed vice president and general sales manager of ABC-TV National Station Sales Inc. He replaces Edwin T. Jameson, who resigned and will announce his new affiliation shortly.

Odin S. Ramsland, general manager of KDAL and KDAL-TV Duluth, Minn., has been named executive vice president of KDAL Inc. He has been associated with the station since 1937.

Lestoil Products of Holyoke, Mass., expanded its marketing operations and announced several new appointments in this area. Among them: Donald D. Madden, a 32-year veteran of Colgate-Palmolive, named to newly-created post of general sales manager; Owen J. Carroll appointed merchandising manager, also a new position. Carroll had been with American Home Products for the past two years.

Associate media director Michael J. Donovan has been elected a vice president of BBDO.

In a new approach to television production, Ziv-United Artists appointed Richard Dorso to the post of executive v.p. in charge of all programs. Under the new production concept, programs will be created by independent producers, functioning autonomously, who will report directly to Dorso.

Virgil Wolff, formerly associated with Westinghouse's KYW-TV Cleveland, has been appointed general manager of WRDW-TV Augusta, Ga.

Charles Helfrich, media director of Donahue & Coe, Los Angeles, was appointed divisional director of advertising and promotion for RKO-General's West Coast properties.

Kudner Agency, New York, named Henry Yaris and John P. Little vice presidents.

National Telefilm Associates appointed Martin Roberts to the new position of director of advertising, promotion and publicity.

In an expansion of its top echelon, Needham, Louis & Brorby named Vinton H. Hall and Paul E. Belknap senior vice presidents of the agency.

Donald W. Severn, manager of media relations at Ted Bates, was elected a vice president.

William T. Todd has been named creative director of the Chicago and Racine offices of Geyer, Morey, Madden & Ballard.

Guild, Bascom & Bonfigli of San Francisco elected Ernest J. Hodges a senior vice president. From 1948 to 1952, when he joined GB&B, Hodges operated his own public relations firm. Hodges-Pierce & Co., San Francisco.

William B. Monroe Jr. has been promoted to director of NBC News, Washington, and William T. Corrigan has been named to succeed him in the position of manager of NBC News, Washington. Prior to his joining NBC News in August 1961, Monroe was news director of wosu-tv in New Orleans for six years. Corrigan was formerly with CBS News where he served as manager of the CBS News bureau in Los Angeles and news director of CBS's TV station KNXT Los Angeles.

Humble Oil & Refining Co. named Spurgeon K. Britt as coordinator of advertising and Thomas W. Wilson as coordinator of sales promotion.

Andrew J. Dossett has been appointed to the newly-created post of senior vice president of the Coca-Cola Bottling Co. of Los Angeles.

Screen Gems named Marvin Korman advertising and promotion manager.

Retirements

Storer Broadcasting announced the retirement of Lee B. Wailes, executive vice president for planning and finance. Wailes, who began his broadcasting career with NBC in 1931, joined Storer in 1946 and was named executive v.p. in 1953. He will act as a consultant to the company. Succeeding him is Robert M. Akin, partner in the San Antonio investment firm of Dittmar & Co.

After 28 years with Kenyon & Eckhardt, Edwin Cox, chairman of the executive committee, announced his retirement (see page 13). Cox experienced his first contact with the advertising industry in 1920 when he joined the A. W. Shaw Co. in Chicago as a copywriter, subsequently went to Celotex Co., Lennen & Mitchell and Young & Rubicam before going to K&E.

Richard M. Allerton, who for 10 years headed research activities of the National Association of Broadcasters, retired. Before joining NAB in 1952, Allerton was a marketing and research specialist with William Esty, Abbott Kimball and Free & Peters.



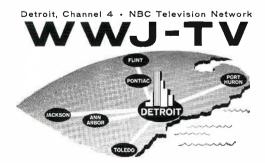
Wassail!

IT'S A GREAT SEASON

The goose hangs high at WWJ-TV.

We're delighted with our feast of NBC hits, pleased as punch by local audience-winners like Groucho Marx, Wyatt Earp, George Pierrot, Two Faces West, Ripcord, M Squad. And, we point with pride to our blue ribbon roster of sponsors and agencies.

Yes, it's a great season. Cheers!



NATIONAL REPRESENTATIVES: PETERS, GRIFFIN, WOODWARD, INC. . ASSOCIATE AM-FM STATION WWJ . OWNED AND OPERATED BY THE DETROIT NEWS



dedicine of the 60's

ABSORBING ONE-HOUR TELECASTS THAT ONLY REAL LIFE CAN DELIVER!

No fictional work can compare with the tense and gripping drama of life itself. No writers or actors can capture the tension that can only come from seeing real surgeons perform real operations!

The first year's production of MEDICINE OF THE 60's is currently making medical and television history in more than 75 local markets. In nearly half of these it is being sponsored by local Blue Cross and Blue Shield Chapters.

Now, Screen Gems is making 12 more of these video taped public service programs available for local and regional sponsorship.

Just renewed for a second year by
BLUE CROSS OF SOUTHERN CALIFORNIA
for all of Southern California, including
for all of Southern California, Bakersfield,
Los Angeles, Santa Barbara, Bakersfield,
San Luis Obispo and San Diego!





The pro who has vowed to himself he will follow the fortunes of the advertising business through thick and thin, and who may sometimes regret having done so when things get a bit thick, is going to have his loyalty stretched once more—this time when things are thin.

Which is all a way of saying that that old decimator Automation, an instrument of prosperity in some localities but an agent of joblessness in others, the salvation of some livelihoods but the ruin of others, like it or not is going to be of considerable consequence to advertising and its related fields in the future.

And the ad practitioner who heretofore has managed to sell American wares and still hold himself a little aloof from U.S. industry's increasing trend toward automation, the individualist who selects from the mounting mass of statistics in advertising as it suits his purpose, but who continues to ply his trade by the seat of his pants and take pride in selling soup and shampoo and starch and snapdragon seed with amiable ambidexterity, may become to Madison Avenue what the great auk is to the bird watchers' society—a real rare bird and a stuffed one at that.

Although the scientists and statisticians who hatch those electronic eggbeaters have not yet come up with one that, unassisted, writes soft-sell copy in lilac-scented ink, fabricates a jingle before it's fed into the echo chamber, or changes a script to suit the sponsor, the time may be at hand when an adman will need more than a new idea to keep from being farmed out to the Keokuk office.

If anyone is still unpersuaded that automation is going to be very much a part of the business, where outstanding successes have almost always been measured in terms of creativity and second guessing, perhaps he has been out of the country. For it's beginning to appear that the adman who will have the most staying power is the one with the ability to

Automation creeps up on advertising; New concern over costs, image; FCC-FTC combine forces; MCA to split

organize the data stored in an electronic beehive, which analyzes and profiles markets and their potentialities; to pre-test a media marketing plan-or even one or more alternative plans-before a dime is spent on media; to make needed media purchases, possibly in only a few minutes, by using a gadget that shows only the up-to-date, uncommitted availabilities for sale, or another which shows precisely how close an advertiser is to earning a discount in another quantity bracket; to select the markets he wants for the purposes he wants, using demonstrated characteristics stored for use in many combinations; to keep everybody happy by using electronic billing processes that reduce paperwork and make payments more prompt, and, finally, to swallow his personal hunches or prejudices about specific plans or strategy when he has been vetoed by the metallic marvel.

The advent of the electronic computer into advertising has been the talk of the trade at the convention of the Association of National Advertisers and the central and eastern regional meetings of the American Association of Advertising Agencies, capped by the word from BBDO President Charles R. Brower that his agency, after two years of planning and experimenting with an electronic computer process for selecting advertis-

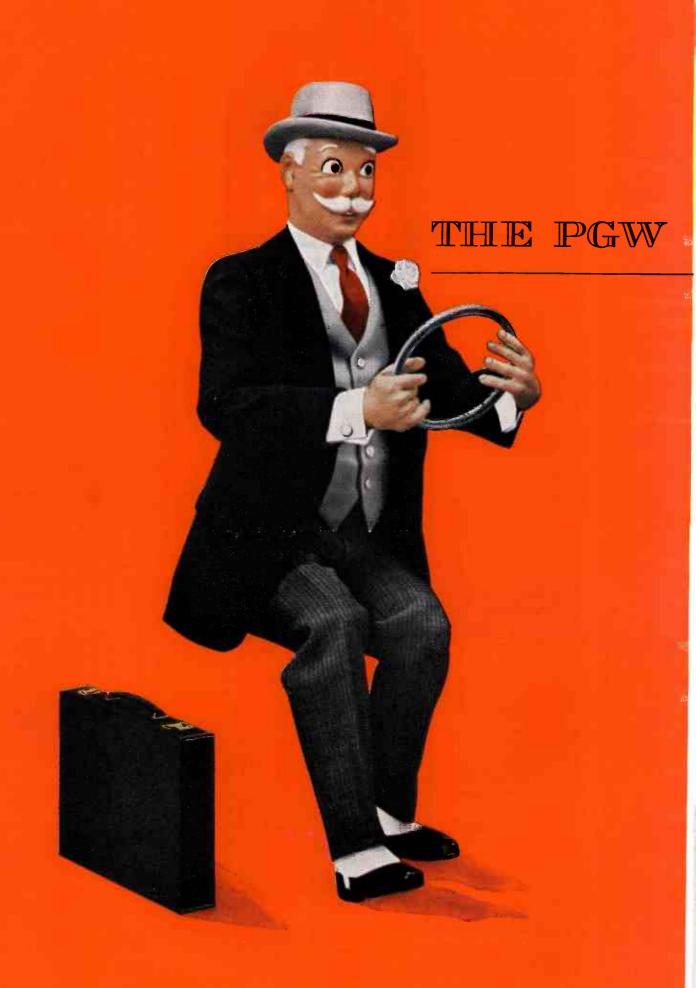
ing media, has developed, tested and put a pilot system into use in cooperation with C-E-I-R Inc., an Arlington, Va., research organization.

One expert on the subject, Dr. James B. Coleman of Simulmatics Corp., thinks it's possible to develop an electronic computer system that will disgorge stored information on media and markets for testing one or more media plans. This "simulation" technique, as Dr. Coleman calls it, is so close to the real life processes that an advertiser may consult the electronic oracle and be spared the suspense of wondering whether his campaign will flourish or founder. Thus, except for the costs of the gadget itself, an advertiser could conduct various advertising campaigns all on paper-or keyboard-and, like playing poker for bottlecaps, run no risks whatever, provided the machine has been fed reliable informa-

The electronic computing process may become not only desirable, but urgent, as advertising campaigns increase in complexity. Wallace T. Drew of Coty Inc. told delegates at both the ANA and AAAA sessions that agencies which fail to set up their own automation systems may find that their clients have set up their own "house" agencies to process data electronically. One way to encourage agencies to spend the money on such systems, he thinks, would be to inaugurate a fee system of payment from advertisers in place of the commission system so the agency could set up such services on a non-commissionable basis.

Advertising may be developing strange, new mechanics to bring buyer and seller together, but there is little doubt that the medium which will get the most consideration in any changes that take place is television, an advertising carrier glorified or damned daily, depending on who is doing the talking, but one that's seldom ignored.

Advertisers wish it didn't cost so much, it may be concluded from the ANA's Hot



COLONEL'S MAJORITY

The TV and Radio stations represented by **PGW** serve areas where a majority of the nation's automobiles and automotive accessories are bought and sold; rented; gassed, oiled and serviced.

And the **PGW** Colonels in our ten offices from coast to coast are ready, willing and very able to show you the best ways to reach these millions and millions of car owners and renters with spot television in these productive markets. Won't you give us a call?

FOR SPOT TELEVISION

EAST-SOUTHEAST CHANNEL PRIMARY	CHANNEL PRIMARY
WAST Albany-Schenectady-Troy 13 ABC	KMBC-TV Kansas City 9 ABC
WWJ-TV Detroit 4 NBC	WISC-TV Madison, Wisc CBS
WPIX New York IND	WCCO-TV Minneapolis-St. Paul 4 CBS
WCSC-TV Charleston, S. C 5 CBS	WMBD-TV Peoria
WtS-TV Columbia, S. C 10 NBC	KPLR-TV St. Louis 11 IND
WLOS-TV Greenville, Asheville, Spartanburg 13 ABC	KARD-TV Wichita 3 NBC
WFGA-TV . Jacksonville 12 NBC	KFDM-TV Beaumont 6 CBS
WTVJ Miami 4 CBS	KRIS-TV Corpus Christi 6 NBC
WSFA-TV . Montgomery 12 NBC-ABC	WBAP-TV Fort Worth-Dallas 5 NBC
WSIX-TV Nashville 8 ABC	KENS-TV San Antonio 5 CBS
WDBJ-TV Roanoke 7 CBS	
WSJS-TV Winston-Salem-Greensboro . 12 NBC	MOUNTAIN and WEST
	KBOI-TV Boise 2 CBS
MIDWEST - SOUTHWEST	KBTV Denver 9 ABC
WCIA-TV Champaign-Urbana 3 CBS	KGMB-TV Honolulu 9 CBS
WOC-TV Davenport-Rock Island 6 NBC	KMAU-KHBC-TV
WHO-TV Des Moines 13 NBC	KTLA Los Angeles 5 IND
WDSM-TV Duluth-Superior 6 NBC	KRON-TV San Francisco 4 NBC
WDAY-TV Fargo 6 NBC	KIRO-TV Seattle-Tacoma 7 CBS



Pioneer Station Representatives Since 1932

NEW YORK ATLANTA DETROIT FT. WORTH LOS ANGELES
CHICAGO BOSTON ST. LOUIS DALLAS SAN FRANCISCO

NEWS continued

Springs, Va., convention, but they aren't prepared to do without it.

Agencies are worried about the criticism of advertising these days, especially that on television, and they are considering ways to make it more acceptable in discussion at AAAA and other agency group meetings.

The Television Bureau of Advertising would like it known that both the television audience and TV's revenue are at all-time highs. The bureau's study for the first half of 1961 shows advertisers spent nearly \$675.8 million to reach a TV audience of 47 million homes which average 5 hours, 22 minutes daily before the set.

The National Association of Broadcasters, which has been busy trying to bolster its TV code to offset criticism that it has been ineffective in restraining commercial and other excesses, now has been charged by some independent stations with leaning too far the other way by amending the code to reduce commercial time from six to four minutes per half-hour of prime evening time. Acting under charges by these stations that they are losing more money under the amendment than they can afford and will have to withdraw as subscribers if the rule sticks, code director Robert D. Swezey has promised a study of the section.

And the FCC and Federal Trade Commission, in a burst of cooperative spirit unexampled between two government agencies, have put their heads together and found a way to regulate advertising through the broadcast licensing process. Stations are being told they will be held accountable as licensees for carrying any advertising the FTC subsequently finds to be deceptive or unfair to competitors. The FTC, which has sought unsuccessfully to obtain injunctive power to halt advertising it thinks is illegal before the agency makes a finding, is mailing all sta-

tions a regularly-issued publication which lists broadcast advertising it has challenged.

The FCC has been busy on its own, too. The agency charges that CBS-TV's incentive compensation plan adopted by the network last May is in violation of FCC rules. The network's rising scale of payments to affiliates in ratio to their clearance of CBS-TV programs is unfair to other program suppliers, the FCC said. CBS-TV at the same time informed its affiliates that they're making more money under the compensation plan than before

With their ship gradually sinking beneath heavy financial seas, some theatre owners put in a desperate call for a rather far-fetched life saver. Herman Shumlin, Broadway producer and director, speaking as a representative of the League of New York Theatres, suggested to the House Select Sub-Committee on Education that an income tax be placed on the reported \$2 billion gross income of the broadcasting industry, and that the money be used to subsidize live theatre. Broadcasters "can afford to pay 5%," he said, because it's all paid for by the soap and soup companies.

A new system for paying music performance fees to the American Society of Composers, Authors & Publishers was proposed by the television broadcasting industry. Its hoped-for-result: to cut sharply the \$18 million that television stations and networks ante up annually to ASCAP for its recorded music. It's the view of an industry group-All-Industry TV Station Music License Negotiating Committee-specifically organized for the coming contract battle, that the \$18 million assessment constitutes an unfair burden to broadcasters. ASCAP, the committee contends, gets more than 50% of its total \$32 million take from television. With the industry's contract with ASCAP due to expire on December 31, the negotiating committee chairman, Hamilton Shea, wsva-tv Harrisonburg, Va., wrote to Stanley Adams, ASCAP president, requesting a new type of contract particularly adapted to television's needs and offering more equitable terms. The industry committee, which includes station executives from across the nation, is still awaiting ASCAP's reply to its request.

MCA has acceded to Screen Actors Guild's ultimatum that it get out of either talent representation or program production by the fall of 1962 and SAG feels MCA will choose the former course. RCA announces an increase of 5% in the prices of all its broadcasting equipment. The Canadian Broadcasting Corp. reports its advertising revenue is down 1.5% to \$37.6 million and blames competition from new TV stations. ABC-TV's plan for a new game show in both weekday daytime and weekly prime evening times is seen as encouraging the return of such programs, now that the quiz scandals have had time to cool.

Accounts: Consolidated Cigar Corp. moves Dutch Master and Harvester cigars, billing a reported \$2-\$3 million, to Papert, Koenig, Lois on January 1 from Erwin Wasey, Ruthrauff & Ryan. Fels & Co. moves soap and detergent accounts totaling \$4 million to Richard K. Manoff Inc. on January 1 from Aikin-Kynett Co. The Florida Citrus Commission has decided to keep its \$3.1 million billings with Benton & Bowles. Norman, Craig & Kummel reportedly has won \$5-\$7 million in Revlon billings now at Warwick & Legler.

Kennedy confirmed

There are some things practically beyond the power of government to clean up. At least, Julian M. Kaufman, general manager of XETV (TV) San Diego (Tijuana, Mex.) has reached that conclusion.

Mr. Kaufman read that President Kennedy was worried about the physical fitness of U.S. citizens and decided XETV should do its part in the President's health program. He issued a memo ordering his staff to take ten minutes of calisthenics daily instead of the regular coffee break.

After the first exercise period, Mr. Kaufman took one look at his drooping station forces and promptly issued another memo: "President Kennedy was absolutely right—we are in lousy shape. The exercise period is hereby terminated."

71% INCREASE IN NIGHTTIME COLOR PROGRAMMING

Reflecting the dynamic growth of Color TV, nighttime programming increased from 476 hours in 1960 to 815 in 1961. The big breakthrough in Color TV is here. Are you with it? Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, N. Y. 20, N. Y., Tel: CO 5-5900



How to succeed in business by really trying!

Frankly we knock ourselves out daily to rate rave reviews like these. There is no other way to keep New York's finest Videotape* studios constantly busy... to offer the advertising industry the most expert creative and technical crew in the East here at Videotape Center...to give every storyboard that extra something that convinces the viewer and makes our morning mail so readable. We thank these customers behind our success story. And the great Broadway hit behind our headline.

Videotape Productions of New York, Inc. 101 West 67th St., N. Y. • TR 3-5800

NOW IN PRODUCTION!....

A NEW CATEGORY OF PROGRAMMING TO MEET TODAY'S INDUSTRY TRENDS!

FLASH! Just reported! ALREADY BOUGHT BY • WAST-TV Albany, N.Y. • WSB-TV Atlanta, Ga. • WCCA-TV Columbia, S.C. • WLW-D Dayton, Ohio • KLZ-TV Denver, Colo. • WFBM-TV Indianapolis, Ind. • WHAS-TV Louisville, Ky. • WCCB-TV Montgomery, Ala. • WEAR-TV Pensacola, Fla. • WTOK-TV Meridian, Miss. • KTVK-TV Phoenix, Ariz. • WAVY-TV Norfolk, Va. • KOMO-TV Seattle, Wash. . . . and others.

A CANDID
photographic view of
REAL PEOPLE IN
TRUE SITUATIONS
AND AUTHENTIC
LOCALES!



TV'S FIRST DOCUMATIC!" CONTROL OF THE STREET OF THE STREE

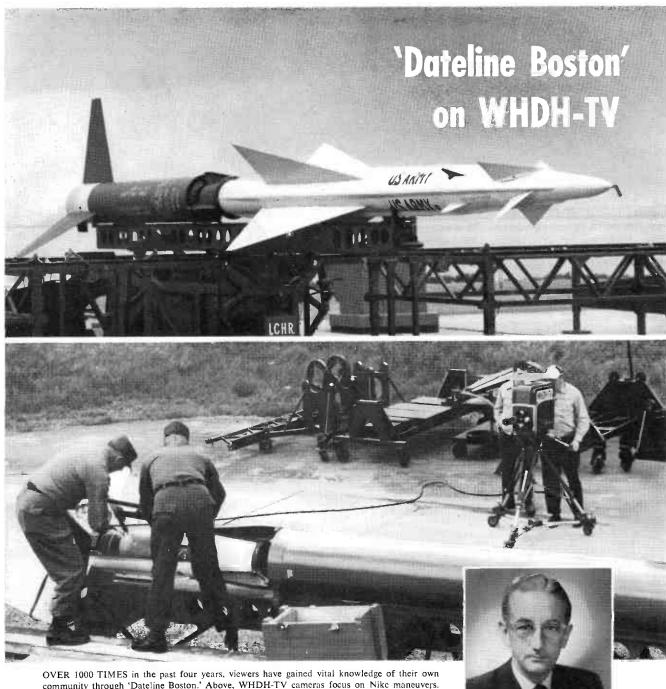
DOCUMENTARY!

DRAMATIC!

BY AND WITH

JACK DOUGLAS





community through 'Dateline Boston.' Above, WHDH-TV cameras focus on Nike maneuvers.

Prime example of the programming through which creative talent and community leadership are continually building new vision into Television on stations represented by BLAIR-TV "From the start, our aim for 'Date-line Boston' has been very simple: to make it America's finest series of locally-produced public-service telecasts . . . an outstanding con-tribution to the fields of art, music, medicine, science, education and theatre. We are tremendously pleased by continuing evidence, both from our own community and from the nation at large, that our aim is being completely realized."

WILLIAM B. McGRATH Vice Pres. & Managing Director Station WHDH-TV

Brings Viewers Closer to Their Own Community

When a community has a wealth of articulate citizens, thoroughly conversant with the Traditions of yesterday, the Culture of today, or the Science of tomorrow . . .

And when an inspired program staff has free rein in bringing the finest of talent before the camera...

Then the resultant telecasts are bound to be "highly rewarding"—a phrase often used to describe 'Dateline Boston.'

Every week-day since WHDH-TV went on the air in '57, Dateline Boston has occupied the choice time from 6 to 6:30, P.M. Developed by the station in association with the Massachusetts Department of Education, the series presents the day-by-day drama of a great region.

It is spiced with infinite variety. One evening, it may breathe new life into New England history. The next program may trace the pulsing record of community progress — or take a searching look at the shape of things to come, especially as they relate to the homes and families of Massachusetts.

Having already passed the 1000th telecast, Dateline Boston continues to maintain a high level in talent, and in community participation. Numbered by hundreds are the Bostonians and other celebrities, and the New England organizations that have helped make the series so successful. More than 100 cities and towns have taken active part. Long hours of preparation have been rewarded with intense audience-interest.

To Blair-TV, creative cultural programming by great stations like WHDH-TV is a constant source of inspiration. We are proud to serve more than a score of such stations in national sales.



Televisions's first exclusive national representative, serving:

W-TEN - Albany-Schenectady-Troy WFBG-TV - Altoona-Johnstown WNBF-TV - Binghamton WHDH-TV — Boston WCPO-TV — Cincinnati WEWS - Cleveland WBNS-TV - Columbus KTVT — Dallas-Ft. Worth KOA-TV — Denver KFRE-TV — Fresno WNHC-TV — Hartford-New Haven WJIM-TV - Lansing KTTV - Los Angeles WMCT - Memphis WDSU-TV-New Orleans WOW-TV — Omaha WFIL-TV — Philadelphia WIIC - Pittsburgh KGW-TV - Portland WPRO-TV - Providence KING-TV - Seattle-Tacoma KTVI - St. Louis WFLA-TV - Tampa-St. Petersburg



The advertisers and the hearings

I was particularly impressed with the way in which your editors handled the recap of the FCC hearings by categorizing the different comments made by the witnesses ("A Word from the Sponsor," November 1961). It gave to the hearing, even to one who was an avid observer, a perspective and worthfulness that I had not appreciated before, and I commend you for having done an excellent job.

Obviously, the invitation to Ideal Toy Corporation to participate in these hearings was not based upon the size of its network television expenditure, but on an awareness on the part of the FCC of the growing interest in quality children's programming. Unfortunately too many articles in our trade publications stress the dollar value of these shows and eliminate the more serious aspect of the quality of the program. Melvin Heltrzer Director of Advertising & Public Relations, Ideal Toy Corporation, New York.

I thought this was a particularly fine, objective and thoughtful article—so much so that I took it along to show our vice president of marketing that same day at lunchtime. He, too, thought it was an excellent job. In fact I think it's so good that I wondered if it would be possible for me to get two more copies? Roger H. Bolin Director of Advertising, Westinghouse Electric Corporation, Pittsburgh.

I was very interested in reading the article covering the FCC hearings in your November issue. . . . I feel that generally this was a very comprehensive and good article . . . I was somewhat disappointed that your article made no mention of the item which I brought up during the hearings relative to the

encroachment by the networks on the true entertainment time of television programs. I think this is one of the most serious problems facing us today and one that is deserving of considerable attention by all concerned. J. W. BURGARD Vice President, Brown & Williamson Tobacco Corporation, Louisville, Ky.

[Editor's Note: In Mr. Burgard's testimony he objected to the many promos and lengthy credit crawls that add interruptions to programs in addition to the regular commercials.]

I think the article on the FCC hearings was very well covered, particularly since it was so voluminous. Albert R. Stevens Advertising Manager, American Tobacco Company, New York.

. . . Very interesting coverage of the proceedings at Foley Square. It was almost impossible to follow the testimony in detail and I think most people in the industry will appreciate having this excellent summary at their disposal. L. W. Bruff Vice President, Liggett & Myers Tobacco Company, New York.

I think you have done an excellent job in analyzing the recent FCC-advertiser hearings. RICHARD E. FORBES Director of Corporate Advertising, Chrysler Corporation, Detroit.

.... Your coverage of the FCC hearings is excellent. R. G. Rettig Vice President, Whitehall Laboratories Div. of American Home Products, New York.

Toys and TV

Your "Toys and Television" article in the November issue is of particular interest to me because one of our clients is Revell Inc.

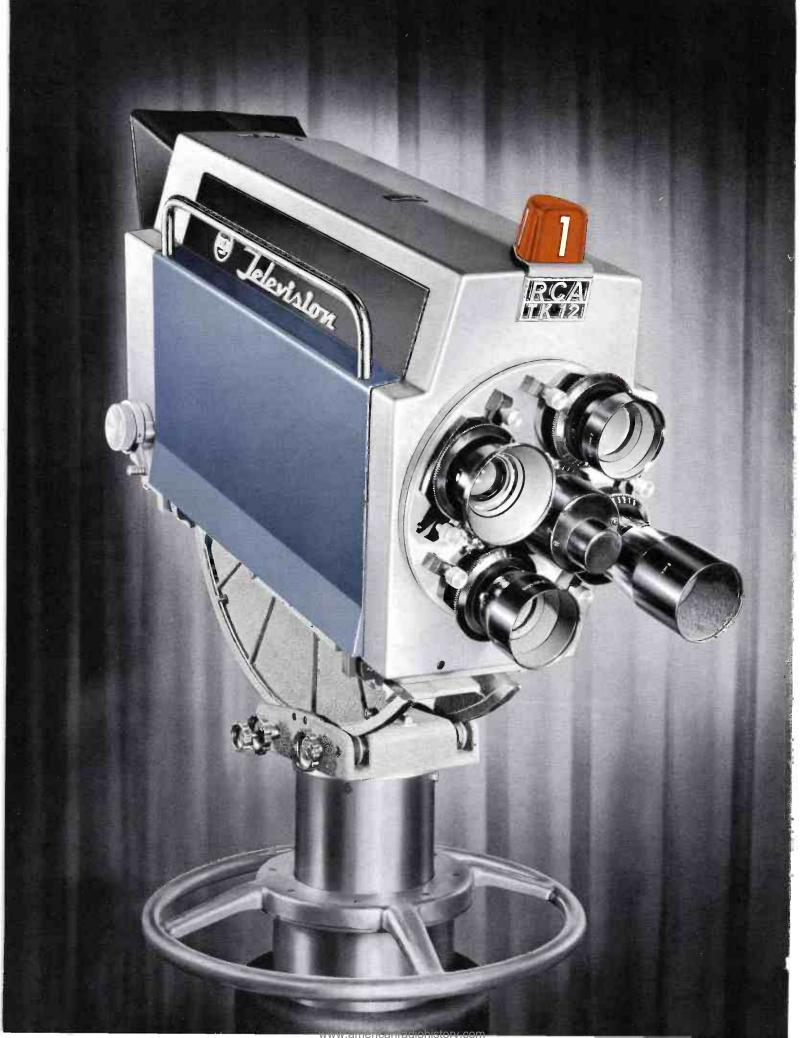
I would like the management at Revell to read your story and would appreciate very much receiving five copies.

JAMES O. THOMPSON Vice President, Fletcher Richards, Calkins & Holden Inc., Hollywood.

You have done it again! Another article both comprehensive and well-written. And of course, our appreciation at NYCO for your objective appraisal of the toy advertising situation ("To Market To Market With Toys and TV," November 1961) at a time when the weak spots are being hit in some quarters all out of proportion. STOCKTON HELFFRICH Director, National Association of Broadcasters, New York Code Office, New York.

Reprints please

... 20 copies of the James H. Cornell "Forecast, 61/62" (October 1961). ROBERT O. LINSTROM Sales Manager, KBES-TV Medford, Ore.



FOR ... FINEST TV PICTURES!



For Sales Impact • Unvarying Quality • Creative Effects

The RCA TK-12 is the camera you need, if you want the finest in television tapes, live programs, and commercials. It produces pictures with higher resolution, lower noise, and improved grey scale. Self-adjusting circuits prevent deterioration in picture quality, and RCA engineering has designed features, such as viewfinder display of special effects, and remote iris control, that enable you to do more with the TK-12.

You can use the TK-12 for making dramatic demonstrations of clients' products. Its big $4\frac{1}{2}$ inch I.O. tube (plus advanced engineering) provides big picture quality, rivaling the finest photography. Improved grey scale preserves delicate differences in shading. Pictures are naturally free from "halo" and "blooming", without need for product spraying or painting. You can control contrast and mood as never before. You can produce tapes and live commercials that show the client's product sparkling in life-like detail.

Self-adjusting circuits, built into the TK-12, eliminate variations in performance. These circuits compensate

for changes in temperature, line voltage, and aging. Furthermore, long warm-up time is a thing of the past. Pictures are ready for use within minutes after the camera is turned on. This new mode of operation saves set-up time, reduces the number of controls, and assures unvarying picture quality.

RCA engineering has introduced many features that make the TK-12 the most versatile of cameras. An 8 inch viewfinder provides a much larger and brighter picture (200 ft. lamberts). Video effects can be seen on the viewfinder, permitting cameraman to adjust camera position for best advantage in overall effect. Remote iris control permits adjusting all lenses simultaneously, merely by turning a knob.

The RCA TK-12 is the camera you need if you want the finest picture in town. Its new and different look will convince clients that your studio is equipped with the best. Ask your RCA Representative for all the details. Or write to RCA, Broadcast and Television Equipment, Building 15-5, Camden, N. J.



The Most Trusted Name in Television RADIO CORPORATION OF AMERICA

PLAYBACK

A monthly measure of comment and criticism about TV

The debate with Toynbee

Marion Harper Jr., president and chairman of the board of Interpublic, at the annual management conference of the Sales & Marketing Executives Association:

Perhaps the most distinguished and most publicized commentator on the present-day character of society is Professor Arnold Toynbee. He feels that with our concentration on material things, we are deserting the spirit and purposes of the American Revolution. Looking about the world he is struck with the contrast between our comparative affluence and the grinding poverty of so many other countries. He sees the United States on the point of grasping or losing an opportunity for world leadership-and he offers a somewhat perplexing analogy.

He pictures the 12th century St. Francis before his conversion leading a riotous life of abandon and luxury. He sees the renunciation of worldly goods by St. Francis, and his dedication to the spirit and to help for the poor, as an inspiring example for modern America in its relations with underdeveloped countries

around the world.

Shifting from St. Francis, Toynbee tosses out the cliché of Madison Avenue, which he sees in the role of a tempter leading America to materialism and cupidity, away from its mission of a brother's generous keeper.

I should mention that the professor is not at all ambiguous in stating his views.

Let me quote a few sentences: "The only sound basis for an economy is to harness it to supplying wants that are genuine. . . . An economy that depends for its survival on the artificial stimulation of material wants seems unlikely to survive for very long. . . . In order to

salvage the indigent majority of mankind, the affluent minority will surely have to divert a much larger quota (than 1% of national output) to foreign aid from the superfluous task of meeting the frivolous economic demands of Madison Avenue. . . . The issue in 12th century Assisi was the issue between vested interests and holy poverty . . . the same issue is confronting us in the modern world today." And with ultimate clarity, he says, "I would suggest that the destiny of our western civilization turns on the issue of our struggle with all that Madison Avenue stands for more than it turns on the issue of our struggle with com-

Let me be quite specific in suggesting what I feel should be our area of dispute with a Professor Toynbee. First. let me indicate what I feel it should not be. I have no objection to his taking up the chant against Madison Avenue-although I think his view that it poses a greater threat to western civilization than communism gives advertising more than undue importance. Nor do I object when he urges us to support a greater volume of foreign aid: I don't feel we should go off in a huff like a tycoon whose clergyman has presented still another sermon on charity.

The debate is on another level.

It is an issue that concerns the character and uses of American materialism. Toynbee argues that the issue today is the same as it was a thousand years ago, one of "vested interests versus holy poverty." The American people not only reject this definition of the issue, but they reject both parts of the definition. We doubt that poverty is or ever was holy. We suspect that much of the preachment extolling poverty worked in behalf of a privileged few to make the impoverished masses happy with their lot.

Poverty may have been a path of the solitary saint, but its greatest contribution to mankind seems to have been hunger, disease, crime and warfare.

We also reject the reference of "vested interests." With further research, historian Toynbee would find that the vested interests in the United States are 180 million people who have a greater choice in bringing about change and in shaping the patterns of their lives than any other people in history.

I should quickly say that much of Madison Avenue endorses Professor Toynbee's support of foreign aid and can even claim to have helped raise living standards abroad. It's a fact that the economy which has made the most energetic uses of advertising and selling is also the first in history to contribute foreign aid on any sizable scale.

It can be argued that the United States has more materialism than other countries only in the sense that material possessions in this country are not confined to a small elite class. The achievement of our economy-and of advertising and selling-is that it has brought about broad distribution. We have not achieved this distribution at the expense of other peoples. We would have preferred if higher living standards had come to all peoples around the world simultaneously, but we can hardly be expected to take on a national guiltneurosis because it has been our lot to develop them first. We are happy to share our methods and techniques with others and to help give them a head start. And we believe we will be better able to do this using those forces that make for a thriving economy.

The fact is that consumer goods are



Much of the nation's capital is in Washington! When it comes to income, families served by WRC-TV earn more per household than those of any other area in the country! Washington is the only metropolitan area in the United States in which all counties (5) rank in the "top ten" for Effective Buying Income per-household. And two of those counties top the list!* All of which means that on WRC-TV you reach the most able-to-buy families in the country. If you want to reach and sell those families, bear in mind that ARB for Oct. '61 reports WRC-TV as first in share of audience and number of homes delivered all week long, from 6:00 P.M. to midnight. What better way to make your advertising most productive? Get your message to the Washington market on WRC-TV...leadership station in the nation's capital.

IN WASHINGTON CHANNED REPRESENTED BY NBC SPOT SALES

*Sales Management Survey of Buying Power May 10, 1961



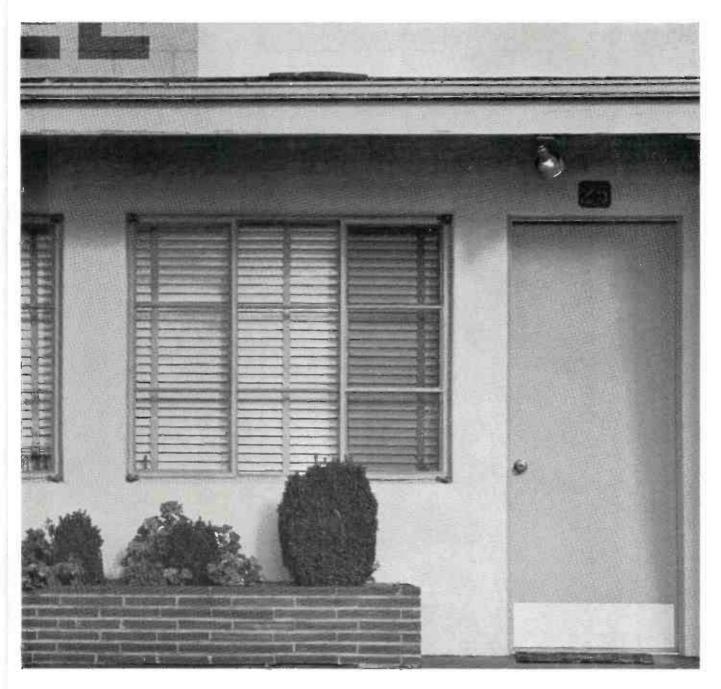
EVER LEAVE SOMETHING BEHIND ON A TRIP – LIKE YOUR CHILD?

Well, people do. Last summer a California couple taking an Oregon vacation in a station wagon with six kids forgot to count heads one morning and roared off minus one sad-eyed youngster.

Minutes later our KGW news staff, monitoring the Portland police radio, picked up the report and flashed the story. Among our listeners was a deputy fire marshall. He spotted the California license plates and flagged down the family.

Result: two slightly red-faced parents raced back to claim their missing passenger.

That's a service the Crown Stations perform for free. Glad to do it, and we do it almost every day. People expect the Crown Stations to cover the little crises, as well as the big ones. It's part of the *personal touch* we encourage and our listeners love.



Like the time the Washington rooter lost his wife among 100,000 football fans after the Rose Bowl. How'd you like his problem? He found her by inquiring at the KING-Formation booth. Our Seattle station had set up a "clearing house" for out-of-town visitors in the Biltmore Hotel in Los Angeles. Both knew where to go.

Sure, lots of stations *claim* to have the personal touch ... grass roots loyalty and all that jazz. Well, we prefer to win friends *by doing things*, not by talking about them. The mark of a Crown Station—TV, AM or FM—is our willingness to go out of our way to help people, inform people, entertain people.

Know something else? It works. Ask any sales manager

shooting for new sales goals in this big, moving Pacific Northwest—the Crown Corner of the United States. He prefers his business on the Crown Stations. That's where his customers are.

THE CROWN STATIONS

KING, AM, FM, TV, Seattle KGW, AM, TV, Portland KREM, AM, FM, TV, Spokane

PLAYBACK continued

not wicked, or corrupting, or insidious. They create demand that invigorates the economy and provides a margin of revenue for all desirable public purposes. They are sought after by peoples on both sides of the Iron Curtain.

I believe, in fact, that a greater flow of consumer goods abroad may carry as uplifting sermons as any preachment on poverty. For they can motivate people to higher living standards and the pursuits of peace after centuries of bloody struggles for crumbs-for a share of scarcity.

We can be assured that no manifesto celebrating the accomplishments of a consumer goods economy will ever win as eager an audience as a manifesto finding fault with it. Nevertheless, it's hard to believe that the businessman is so tongue-tied or preoccupied as to stand aside while spokesmen from other fields pontificate on our economy's proper directions.

He is accused of promoting a new materialism, but it happens to be a materialism in which people have more good health, more leisure to enjoy the things of the spirit, more access to education, concerts, museums, than at any other time or place in history. It is a materialism which in time of war provided guns and a good deal of butter and in a new time of crisis it now provides books as well as bombs and butter.

Immunity for Hollywood?

Robert D. Swezey, chief administrator of the National Association of Broadcasters' Code, at a meeting of the North Carolina Association of Broadcasters:

In terms of performance, I think broadcasting stands up very well when compared to other media like newspapers and motion pictures. But that sort of comparison never gets one anywhere. As a business affected with the public interest, technically at least, we have a higher degree of responsibility and, moreover, there's never been any merit in implying that the other fellow's inadequacy, mediocrity or immorality is an excuse for yours.

I am, nonetheless, interested to note that, while broadcasting is being lambasted on all sides for its alleged program excesses, the motion pictures seem to me to have given up virtually all pretense of self-restraint without occasioning any noticeable public resentment and censure.

The morals and mores of motion picture production have real interest for broadcasting. Not only are radio and TV carrying considerable motion picture advertising, but it is to be assumed that, before long, we will be offered some of these box-office smasheroos for television exhibition.



Charles H. Brower, president of BBDO, to the Economic Club of Detroit:

Your country and mine is operating today in the most competitive market that history has ever seen, and for the biggest prize that history has ever be-

The United States is competing for the minds of men across the world in nearly a hundred lands. If there were a Nielsen Audit, our sales curve would cause alarm in the office of any sales manager. Our share of market is decreasing.

Yet selling ideas is supposed to be our great strength. There must be something wrong somewhere, and there is.

Even a tiny commercial enterprise would hesitate to try to operate without a sales manager or a director of advertising.

Yet the United States-the largest enterprise in the world-has long been content to leave all sales functions up to its President, who is already overburdened with more assignments than 10 men could reasonably undertake.

We need a sales manager. We need an advertising manager. And we need a staff in the field-and the field in this case is the whole world. And either we ought to get it, or we ought to stop asking why we can sell corn flakes and not democracy. And we ought to stop wondering why our international sales curve continues to drop, month by month, and year by year.

Our government needs help and people trained in advertising can give that help. The job, of course, is infinitely more complex than anything advertising has yet tackled. But is it not a sensible place to start?

Surely here is a natural alliance. A great problem. But a present solution. There is no longer any reason for America to be cuffed about in world affairs. There is no reason why Russia should beat Uncle Sam to the draw every time. Let the country use its trained advertising skills quickly.

I am not going to discuss the economic stupidity of such views [as those of Arthur Schlesinger Jr., Kenneth Galbraith and Dr. Arnold Toynbee]. I merely point out that these people are attempting to dismantle our only possible propaganda apparatus just when we need it most. It is much as though they had decided to fight the U.S. Navy.

Please understand me-I give these men credit for being sincere and patriotic and wholly unsympathetic to the enemy. Unfortunately, it makes little difference. For it is perhaps more dangerous to have an idiot for a friend than for an enemy.

I think I know what is wrong with these people. Their common denominator is sophistication-or over-sophistication.

Every such person has a sentimental nostalgia for a world he never knew-a

SURVEY FINDS

COLOR TV COMMERCIALS HAVE 3½ TIMES MORE IMPACT

A 1960 survey by Burke Marketing Research reveals the impact of Color TV commericals is such that 1000 Color homes are equal to 3,589 black-and-white homes. No wonder more and more sponsors are moving up to Color. What about you? Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, N. Y. 20, N. Y., Tel: CO 5-5900



you get THE ADDED IMAGE LHE VDDED IMVGE of quality on WBEN-TV

The background to your commercial message is important when you're doing business in Western New York. Western New Yorkers are good spenders, dropping over \$3.5 billion into the retail tills each year—but they buy with discernment.

That's why national advertisers choose WBEN-TV to reach this rich, vital and expanding market. They know that Western New Yorkers believe what they see and hear on WBEN-TV. The pioneer TV station of the area, WBEN-TV has devoted 13 years to prestige programming and dedicated public service. The result: A quality image that reflects well on the products of our sponsors.

Get the facts from Harrington, Righter & Parsons,
National Representatives

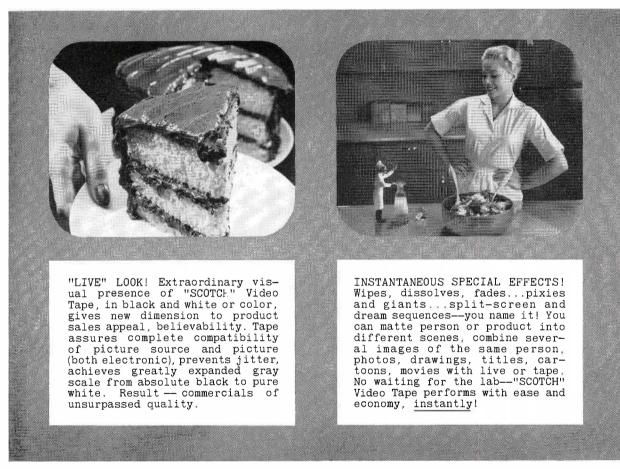
WBEN-TV
The Buffalo Evening News Station

CH.

CBS in Buffalo



SCOTCH®BRAND LIVE-ACTION VIDEO PICTURES, SIMPLIFIES

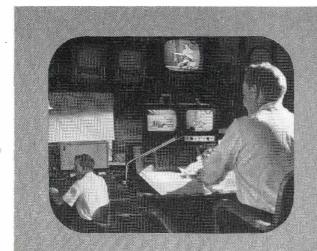


AND TAPE GIVES THESE ADDED ADVANTAGES!

Immediate playback of commercials created on "Scotch" Brand Video Tape is today's best insurance against fluffs—provides many other production advantages. In a matter of seconds, the producer, director, performers all know exactly the result of the latest take. They can immediately determine if the scene should stand or how precisely

to improve it. Work schedules are uninterrupted, permit efficient scheduling of sets, talent, crews. Clients can see and approve new commercials on the spot, when enthusiasm is high. And, the many time- and money-saving advantages of video tape are yours, whether commercials are black and white or color. Either can be recorded on any roll of "SCOTCH" Live-Action Video Tape.

VIDEO TAPE MAKES TODAY'S BEST-SELLING PRODUCTION, COVERS THE COUNTRY!



EDITING'S EASIER! Multiple cameras permit on-the-spot video tape editing. Direct-cutting and splicing methods have improved. Now, out-of-sequence shooting, followed by tight electronic editing, has become routine. And you can mix tape, film, live, etc. Difficult shots can be re-used. Commercials can be lengthened, shortened, modified...quickly and economically!



TAPE COVERS...NET OR SPOT! Taped commercials can reach over 90% of any product's market. Complete tape facilities of each major network can deliver your message to 150-200 affiliated stations. Spot coverage is available coast-to-coast, in all major cities, and the number of markets reached by VTR-equipped stations continues to grow. At press time, the total was 127.





GET THE FULL TAPE STORY!

Send your next storyboard to your nearby video tape producer for analysis—and a bid that will surprise you! For a free copy of the new brochure, "Techniques of Editing Video Tape," write Magnetic Products Division, Minnesota Mining and Manufacturing Company, Dept. MCS-121, St. Paul 6, Minn.

Magnetic Products Division 3 COMPANY

"SCOTCH" and the Plaid Design are reg. TM's of Minnesota Mining & Manufacturing Co., St. Paul 6, Minnesota. Export: 99 Park Avenue, New York, N.Y. In Canada: London, Ontario.

PLAYBACK continued

primitive world. A world of handmade artifacts and hand-drawn water. A Walden pond. A spare, sparse, virtuous world of plain living and high thinking.

To such people, the current affluence of our country can be little short of appalling. For once you fall for the idea that there is something spiritual about scarcity, it follows that there is something brutalizing about plenty. Material success must then be the result of materialistic goals. And there has to be something nasty about a society where the feeding problem is over-eating instead of staryation.

The answer in the minds of these sophisticated souls is simple. Americans admittedly buy more than they need to keep dry, warm and alive. So stop their buying and you will almost overnight have a virtuous society again—a society where spiritual values regain their hold and everyone is noble.

How to stop their spending? Too late now to stop the wage spiral that created the great margin of expendable income. So stop the evil influence of Madison Avenue, the street where the persuaders hide

True, the machinery in factories may begin to rust a bit. The mines will close down. The highways will develop potholes. But long before the taxes dry up, the state will take over. And surely a small dash of tyranny is preferable to this overfed, overbedded, air-conditioned life where a millworker can own more than one car, and the grandson of an Irish saloonkeeper can become President.

I suspect that you and I, being less sophisticated, look at advertising differently than these people do. I regard it as the first essential in any economy based on competition and freedom of choice. I believe that it brought the bathroom in from the backyard, put the

medicine cabinet in the bathroom and put the toothbrush in the medicine cabinet. I believe it freed our women from drudgery and lifted all of our living standards beyond anything the world has seen—or is likely to see again. I believe it generates the business that pays the taxes that enables us to hire Schlesinger and Galbraith. And I believe that advertising and advertising alone furnishes the financial strength that keeps our free press free.

A certain advertising measurement

Paul E. J. Gerhold, vice president of Foote, Cone & Belding, at the annual meeting of the Association of National Advertisers:

The way to measure the sales effect of advertising is to stop advertising.

All we have to do to know what advertising contributes to total sales from the total marketing mix is to withhold advertising in a typical selected sample of markets, and study the levels and the trends in sales in these areas in comparison with the rest of the country.

If I want to determine how valuable Turf Builder is for my lawn, I don't double the amount I put on. I don't make chemical analyses of the soil before and after the application. I leave a strip where I don't put any Turf Builder. Sometimes the grass is just as good in the strip as it is in the rest of the yard. Usually it doesn't grow nearly as well. But in any case, I know what the Turf Builder has accomplished.

This approach does require some measure of conviction about advertising and some courage in establishing the experiment. But some companies have

It isn't easy and it isn't cheap to eliminate advertising from an area or from an identifiable segment of the market.

But the elimination, or at least the substantial reduction of advertising weight can be accomplished, especially for multibrand advertisers, by local television cut-ins, by the use of regional magazine editions, by exploiting the increasing availability of media for local market adaptation.

A final conclusive evaluation of advertising is impossible, unless we have a way of establishing the level and trend of sales without advertising.

It will take courage to experiment, to establish a proper benchmark.

It will take almost as much courage, I would think, as it does to authorize an advertising budget of three million, or one million or five thousand dollars without any basis for determining what kind of return you get from spending that kind of money.



Hubbell Robinson, producer, in a speech delivered to the Radio & Television Executives' Society:

Although I was happily 3,000 miles away during last June's Foley Square turkey shoot, all of us out there in the land of the vertical pronoun followed the battle reports as closely as five-day shooting schedules permitted us to.

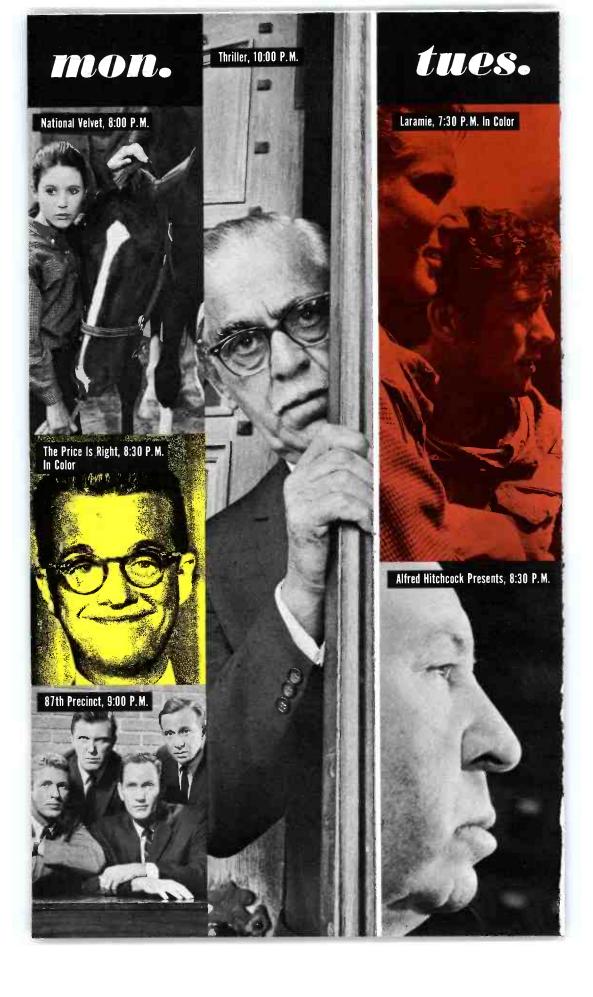
Whatever the avowed purpose of t opportunity for soul-baring and brea beating in protest against Madison Avenue's Brass Curtain, its apparent concern seemed, from that distance, at least, an attempt to reach for some of the reasons as to why television programming today is the vast wasteland that man in Washington so aptly tagged it as being. I would have found the responses of the distinguished wanderers in the wasteland more persuasive if more of them had been practitioners who had not only demonstrated convincingly their ability to use this medium with consistent and impressive success, but had evidenced any sure understanding of its real potential and how to energize

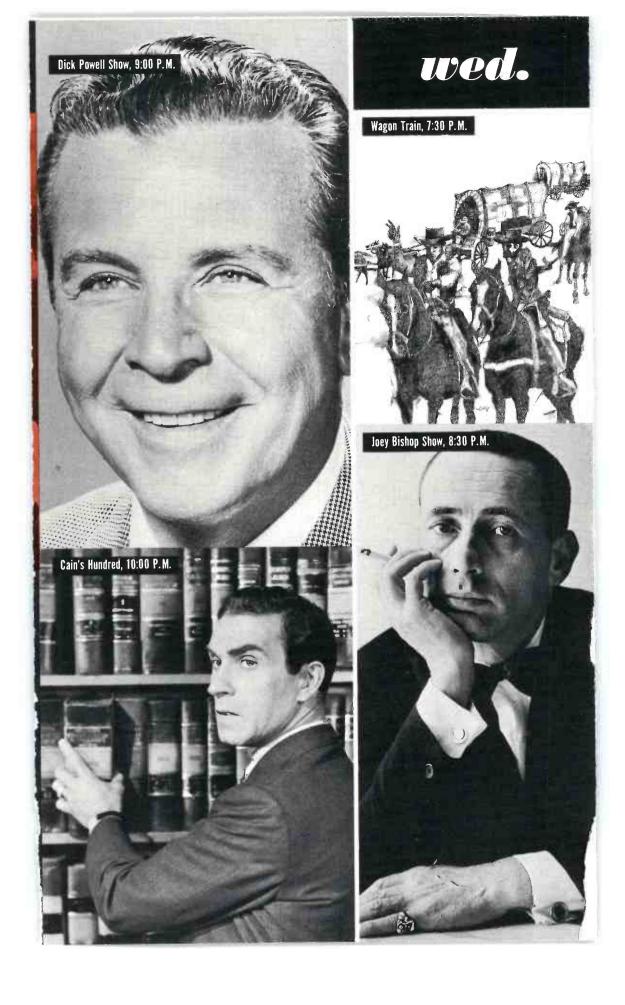
For that, it seems to me, is central to the dilemma facing those of us whose

COLOR TV OWNERS RATED A TOP-CLASS MARKET

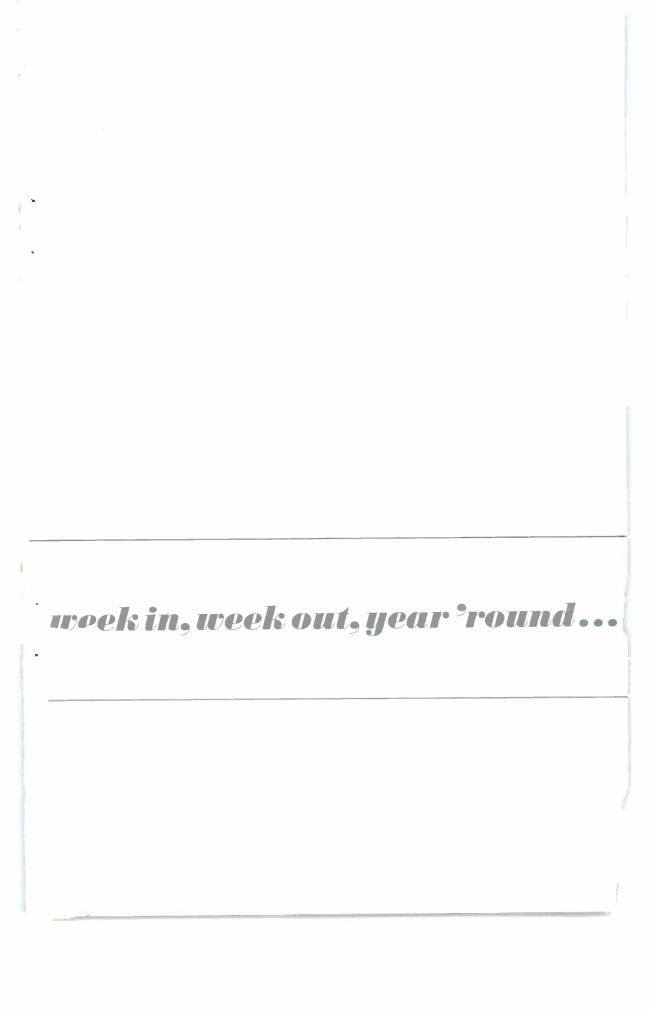
A study by Market Facts, Inc. shows the median income of Color TV families is \$13,123 as against a \$5,417 national average. That's another dollars-and-cents reason why more and more sponsors are moving up to Color TV. What about you? Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, New York 20, N. Y., Tel: CO 5-5900

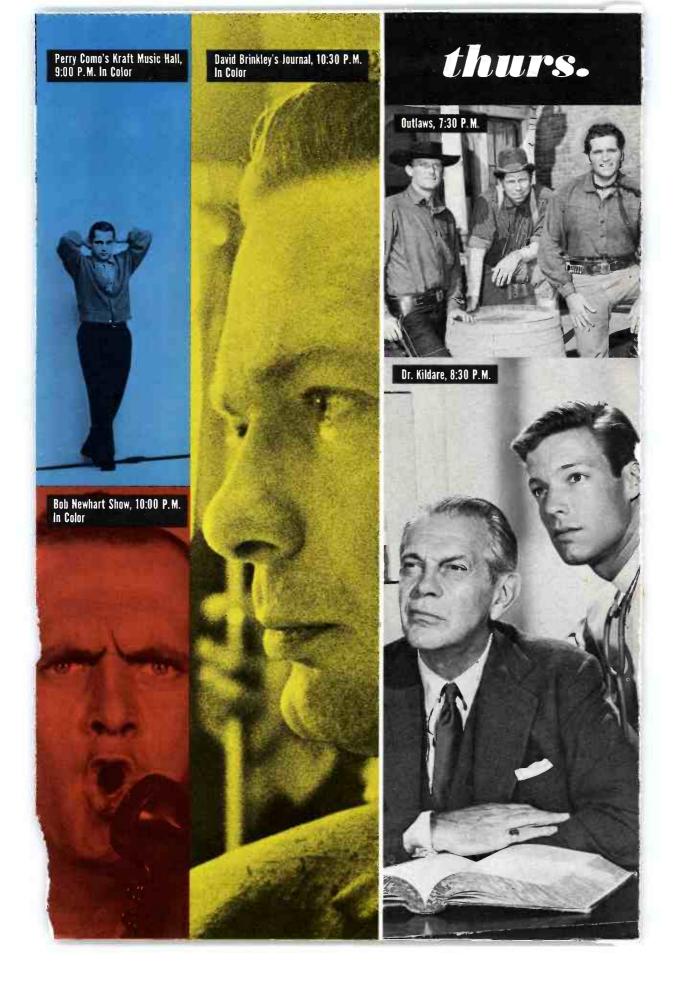
Week in, week out, year 'round—the most successful schedule in television provides a full measure of diversified, popular entertainment, the most comprehensive news coverage, and the widest range of informational programming—a fully balanced lineup designed to meet the varied preferences of the total television audience.

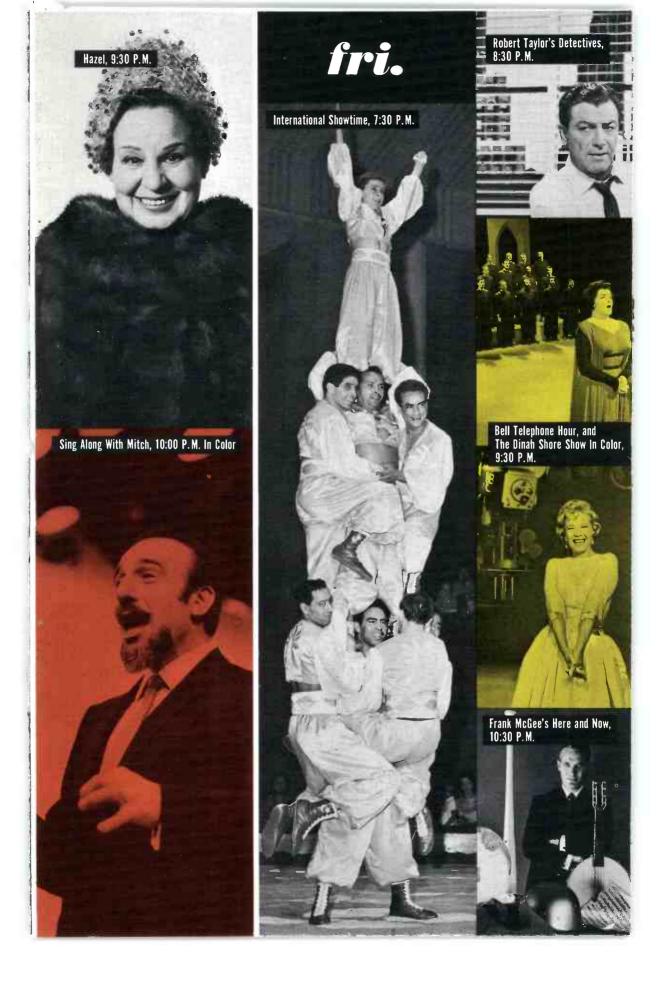












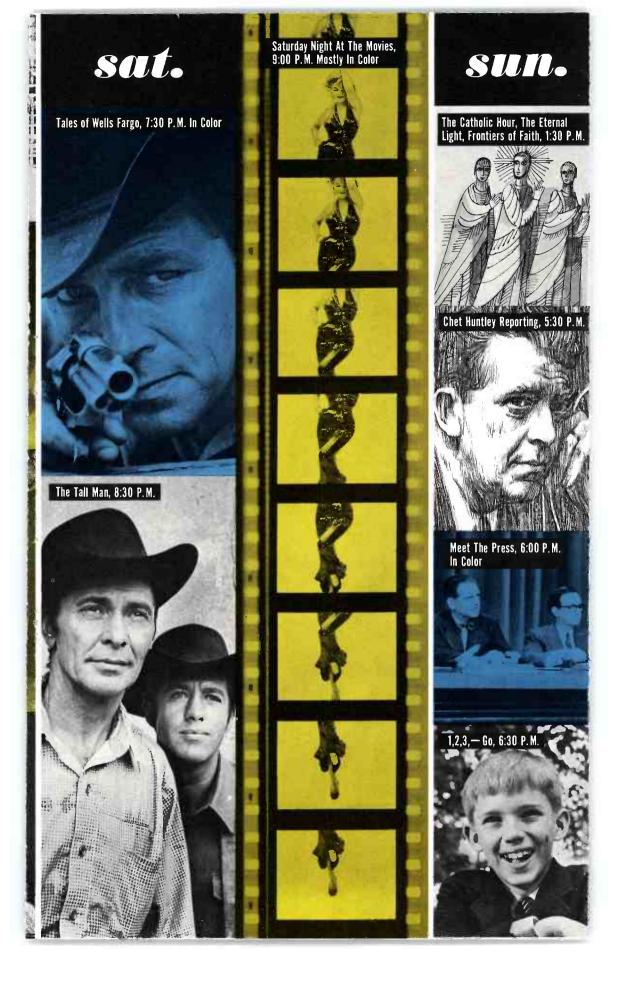
week in, week out, year 'round...

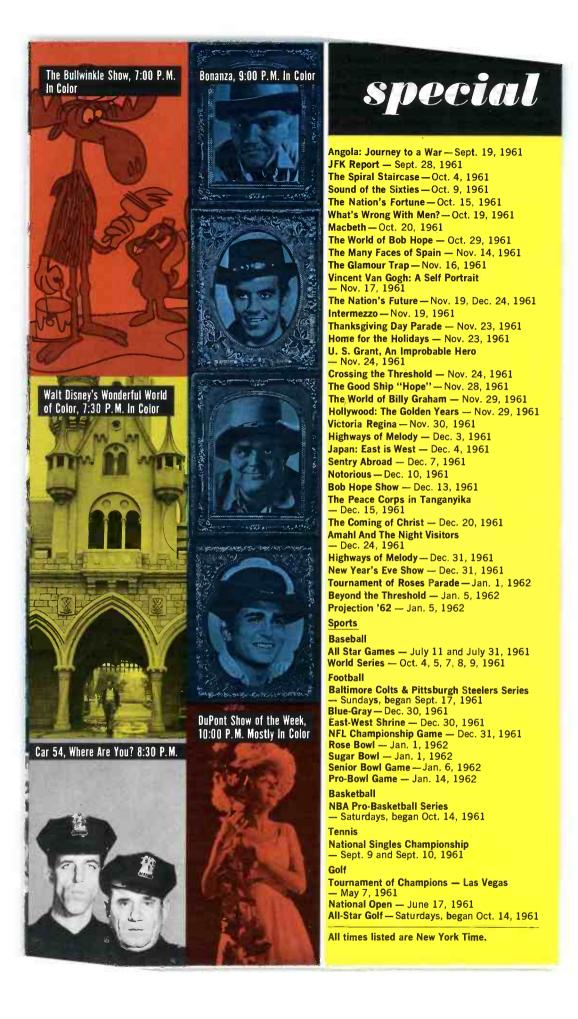
it happens on B

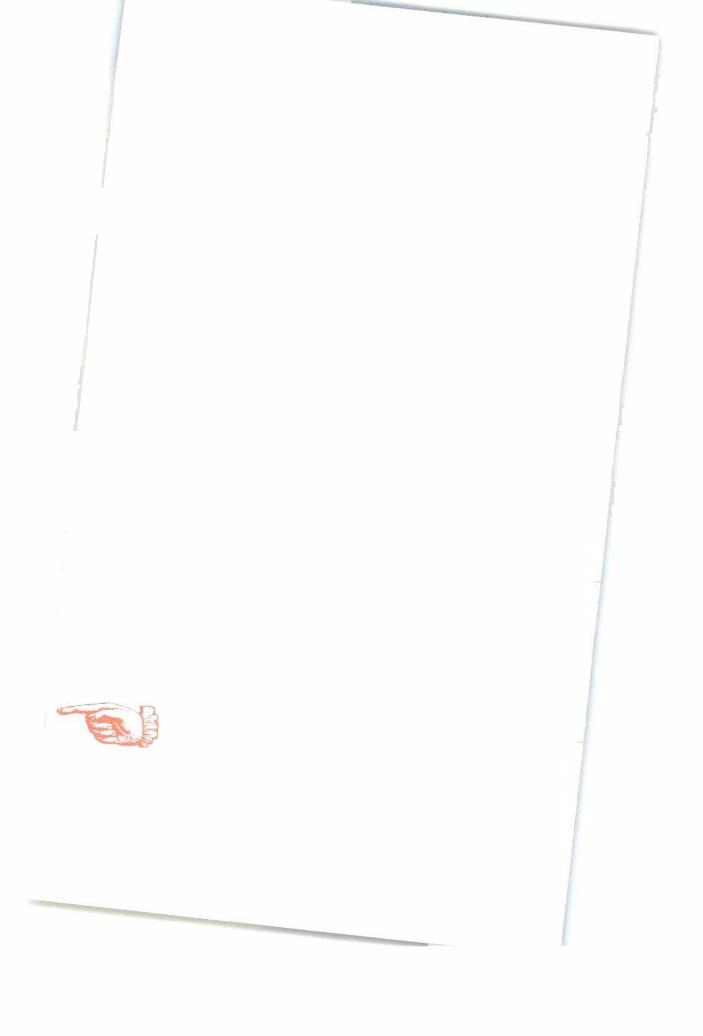




The best balanced schedule in television is seen on the NBC Television Network







high hopes for television entertainment still endure despite its debasement by the belt-line merchants of mediocrity, imitation and their final inevitable bed-fellow -horedom

Television is a mass medium. Its overwhelming characteristic is its size. The audiences that make it national and are rapidly making it international are mass audiences. The advertisers whose dollars provide the major share of its support make products designed to reach those masses. Mass sales are the bloodstream of their existence. Anyone who loses sight of that basic condition of creative life in television is losing sight of the bull's-eye; he is ignoring not television's greatest creative handicap, but its greatest opportunity and challenge. Any creative team-producer, director, writer, cameraman, performer, designer-that has something worth saying, can say it to more people more compellingly than ever before in the history of man. But as communicators they must realize the tender in which they deal has to be designed to attract, hold and engage mass audiences.

And I would like to urge upon you today with all the vigor and resolution of which I am capable that there is no categorical antithesis between quality and entertainment for millions. For it is in its efforts to entertain that television's balance has been destroyed.

It is in its almost total refusal to cope with themes of depth and significance that television entertainment reduces its audience to the ranks of the emotionally and mentally under-privileged. The great bulk of television drama, serious or otherwise, consumes hours of our citizens' time saying precisely nothing. I am well aware of the thunderous chorus proclaiming that in these times, which again seem just destined to try the souls of men, audiences want only to escape from reality. I have no quarrel with the medium for providing that escape. I should like to contend as militantly as I can against the fable that it is the only kind of entertainment that can involve the interest of a mass audience. The whole history of the entertainment business cries out against such conceptual myopia. As far back as the Greeks, the most successful playwrights commanding the largest audiences were writing dramas with a purpose.

I do not believe that television audiences en masse will turn away from strong and sober themes if they are skillfully and absorbingly presented, if the characters and the dilemma in which they are involved have honesty and bite

and relate to areas of experience with which an audience can actually or possibly identify.

I would like to see television start imagining again. I would like to see it start wrestling with projects that at the outset must seem "the hard way" which, I am afraid more often than not, is the best way. The world of Spinoza may seem a far cry from Madison Avenue, Broadway and movie lots of Hollywood, but when he put it that "All things excellent are as difficult as they are rare, he spoke for us as well as for his own times.

I am asking that creators start thinking first of what will give the medium vitality, reach, excitement whose currency will last in the viewer's mind beyond the moment of broadcast, not die with it. I ask the creators to think of values before they think of "Will it sell?" This is not starry-eyed idealism. It is the most pragmatic showmanship.

The language of tyranny

John W. Burgard, vice president and director of advertising at Brown & Williamson Tobacco Corp., to the Washington Advertising Club:

The constantly evolving labyrinth of rules and regulations propounded by the Federal Trade Commission are the greatest menace to the advertising business today. In fact, this menace extends to all business and inevitably to our whole way of life in America.

Although I have had to live with the capricious rulings of the FTC for many years, I would not presume to make such a serious charge simply on the basis of my own experience. To those of you who have not read it, may I recommend the book of a former commissioner who, after serving four years, was reappointed for a seven-year term. I refer to Lowell Mason and his book "The Language of Dissent," which contains these ominous words: "I invite the reader of this book to concern himself with tyranny.'

Most of the recent reports in the advertising press have been concerned with FTC action in regard to advertising copy. Perhaps even more of a threat is the course of action taken by the FTC in the enforcement of the Robinson-Patman Act.

The powers of the FTC today are undoubtedly greater than ever visualized by those congressmen who sponsored the laws under which it operates. (Perusal of the debate on the Robinson-Patman Act will leave no doubt of that.) The exercise of this power has led former Commissioner Mason to state, "Nowhere is institutional whim more apparent and deadly than in the choice of defendants the FTC sues under the Robinson-Patman Act." Note the words "the choice of defendants." And this is the commission which, and I quote from a Circuit Court decision, ". . . wears all the hats involved in proceedings instituted under its authority. It is, at once, the accuser, the prosecutor, the judge and the jury This commission, at the last session of Congress, requested injunctive powers such as those used sparingly by the district courts. This would eliminate the only right remaining to the advertiserthe right to carry his case to the courts before a ruling can be enforced. There is no demonstrated need for this power, and the passage of such a law would be a blow at the foundation of free enter-

May I point out that the opposition to temporary injunctive powers for the FTC comes not only from business. The New York Bar Association's Committee on Trade Regulation has filed a statement opposing this power, and I'd like to give you one quick quote from it:

"The passage of legislation having this

The sales we reject prove our worth

In selling or buying broadcast properties, one of your greatest protections is Blackburn's demonstrated willingness to reject a sale rather than risk our reputation. For our business is built on confidence and no single commission can be worth as much as our good name. Why hazard the risks of negotiating without benefit of our deep knowledge of markets, of actual sales, of responsible contacts?

${f BLACKBURN}$ & COMPANY, INC.

Radio • TV • Newspaper Brokers

WASHINGTON, D. C.: RCA Building, FE 3-9270 CHICAGO: 333 N. Michigan Avenue, Fl 6-6460 ATLANTA: Healey Building, JA 5-1576 BEVERLY HILLS: Calif. Bank Bldg., CR 4-2770 effect would be a giant step toward a condition in which the citizen has no redress against the naked exercise of arbitrary governmental power.

". . . Administrative agencies, including the Federal Trade Commission, have been authorized by Congress to obtain preliminary relief, when necessary, under several statutes. We see no need to depart from the established orderly procedure laid down in those statutes in favor of bills which threaten such serious deprivations of respondents' rights."



Charles F. Adams, executive vice president of MacManus, John & Adams, before the Northwest Dailies Association:

As a member of the Joint Committee of the ANA-AAAA for Improvement of Advertising Content, I would like to address a very personal question to you.

When are the newspapers-who are so quick to criticize some of the unsavory advertising on TV-going to take a more discerning look at their own advertising? For it is a rare exception when you find a newspaper completely free of distasteful and dishonest advertising.

Here are some of the headlines, for instance, from a single page of a morning newspaper which is generally considered as being one of the ten best in the United States.

They include:

How to Hold False Teeth More Firmly in Place: Do your false teeth annoy and embarrass you by slipping, dropping or wobbling when you eat, laugh or talk?

Sleep Like a Log: Stop stomach gas three times faster . . .

You'd Never Know I Had Psoriasis: The ugly crusts and scales of psoriasis . . . tends to remove lesions . . . won't stain clothing or bed linen . . .

Footsore No More!

Stops Constipation Due to Aging Colon: . . . as you grow older the internal muscles of your colon wall age . . . stagnant bowel contents become so dry and shrunken they fail to stimulate the urge to purge . . . moisturizes dry, hardened waste for easy passage . .

And here is a sort of sequel to Aging Colon:

Science Shrinks Piles New Way . . . stops itch-relieves pain . .

Read that aloud some morning at the breakfast table. But I believe I have made my point. Just one page from one paper, mind you. And an excellent paper, too.

The fact that these are all on one page, near the rear of the newspaper, does not hide the fact that you have accepted money for them. It merely suggests your own shame in running them at all.

Many newspapers say they need protection or authority against distasteful advertising. I think that your authority comes from your own responsibility to your readers.

Have you looked at your letters-tothe-editor columns lately? I read them religiously for the insight they provide as to what people are really thinking. And more and more often I run across angry letters directed at your entertainment pages and the lewd, lascivious, indecent advertisements put out by Hollywood. What are the newspapers doing about this open-pit garbage mine? Let me read you something in this regard:

"A newspaper cannot escape conviction of insincerity, if while professing high moral purpose it supplies incentive to base conduct . . . lacking authority to enforce its canons, the journalism here represented can but express the hope that deliberate pandering to vicious instincts will encounter effective public disapproval or yield to the influence of a preponderant professional condemnation."

That is Article VII of the Code of Ethics of the American Society of Newspaper Editors.

Our times and culture

In a newsletter, "Radio and Television Advertiser," put out by WCAX Burlington, Vt.:

It was Mark Twain who proposed the thesis that one man's opinion was as valuable as another's, on the ground that for any expert on one side another could be found on the opposite, and thus all opinions canceled out in pairs.

Last spring Newton Minow, chairman of the Federal Communications Commission, appointed himself the spokesman for that cult which castigates television. A vast wasteland, said Minow, which does not live up to its responsibilities. High on the list of programming objectionable to this cult has been the western, stereotyped in form (they say), banal in plot (they think) and lacking in that perceptive evaluation of cultural values which should mark the execution of a Great Art Form.

Last summer Arthur Goldberg, Secretary of Labor, entered the lists to save the Metropolitan Opera for the nation. A labor dispute with the musicians had caused cancellation of the upcoming season

"A national treasure house of culture," said a High Administration Source. "Unthinkable that the Met should perish," said others. "This Art Form is so great, it may have to be nationalized.'

And so, with the personal intervention of the Secretary of Labor of the United States of America, the Metropolitan Opera commenced another season.

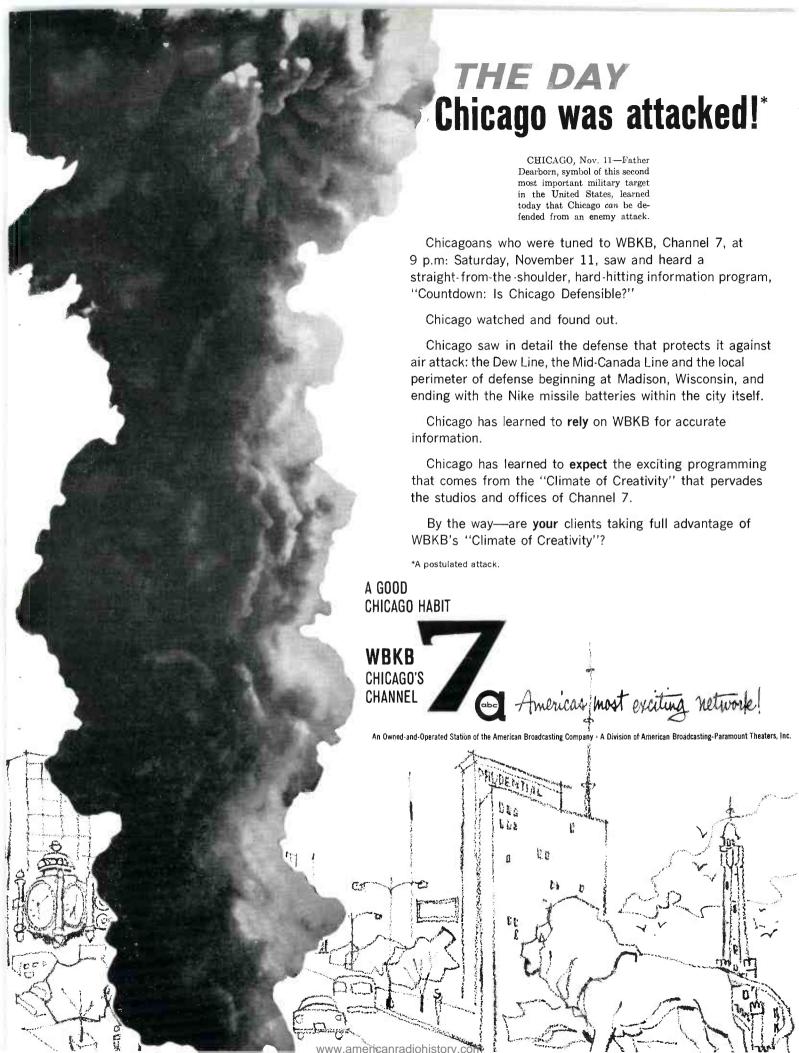
And the first opera? Tristan? No. Götterdämmerung? No. Pagliacci? No. Cyrano? No. Well, what then?

The Girl of the Golden West.

END

23 MAJOR COMPANIES RENEWING COLOR TV SPONSORSHIP

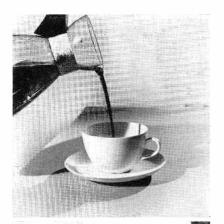
23 major advertisers who sponsored Color TV in 1956 are buying it again in 1961. One more proof that Color delivers the prospects. Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, New York 20, N. Y., Tel: CO 5-5900

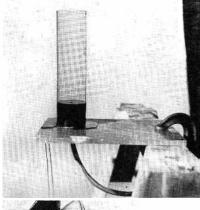




FOCUS ON COMMERCIALS









The Problem

How to visualize a cup and a half of coffee without sacrificing the appearance of the coffee or revealing the optical effect involved.

The Solution

How did they get that extra half cup out of Instant Maxwell House coffee? According to Sol Dworkow, "It wasn't

Dworkow, production supervisor at Benton & Bowles, the Instant Maxwell House agency, explains that it all started over a year ago with the copy department. They'd come up with what everyone agreed was a fine copy approach for Maxwell House instant coffee. "Now when you pour a cup of coffee," the slogan went, "pour a cup and a half of flavor." A fine slogan, but how to visualize it?

The essential problem was to show an extra half cup of coffee rising above the rim of the cup without making the optical effect obvious. For several months Benton & Bowles searched for a production house that could come up with the exact technique needed. A number of Hollywood houses worked on the project and failed. Benton & Bowles then brought the problem back to Television Graphics in New York and Bob Franz. Franz is in charge of special effects for TV Graphics and one of the foremost cinematographers in the business.

Franz and the crew from B&B worked for nine months trying and discarding various methods for the commercial. They tried using a plastic cylinder that fitted into the coffee cup but found reflections of light from the cylinder spoiled the technique. They tried photographing with a polarized lens on the camera to cut down the reflections, but with no success. Next they tried cameraliaging the set backgrounds. They thought a wall of vertical stripes behind the coffee cup might cut down the cylinder's vertical reflections. It didn't. In

addition, the steam from the coffee caused a condensation process to take place. Beads of perspiration formed on the edge of the cup giving the whole effect away to even the most inexperienced eye.

Finally Franz hit pay dirt with the mat technique. The successful method made use of two sets. On one the camera photographed a coffee cup with a stream of coffee being poured into it from the top. The camera was then set at exactly the same angle to photograph another set on which a glass cylinder with a tube in the bottom was set up. Coffee was pumped up from the floor through the tube into the cylinder, giving a rising effect.

The photography completed, Franz and his crew worked for four weeks superimposing the frames of the cylinder over the frames of the coffee cup. The eight-second segment consisted of nearly 200 frames—each matted separately. A laborious job but a perfect result.

The Problem

How to give a mass-produced, packaged goods product, that's shaped like a miniature doughnut, an adult, functional identity that will enable it to stand out in the crowd of its competitors?

The Solution

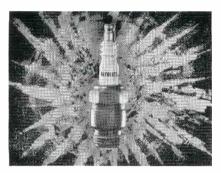
Let Freberg do it.

Cherrios, a breakfast cereal product, is sold over innumerable supermarket counters. So are dozens of other breakfast cereals. Almost all use an advertising pitch that stresses a yummy, nourishing, good for the kiddies appeal. The sell is usually direct, with the product sure to be on constant display, front and center.

Dancer-Fitzgerald-Sample, advertising agency for General Mills, makers of Cheerios, wanted a new approach. The shape of the cereal has a utilitarian purpose. It's circular so that it can be toasted evenly. How to get this across to a sophisticated television audience that

T. V. spot editor

Sponsored by one of the leading film producers in television



Photographic magic dramatically demonstrates how an Autolite sparkplug "actually cleans itself while you drive". Exciting "electronic" musical effects, by Raymond Scott, accent the action of Autolite products featured in this series of commercials.

Produced by SARRA for AUTOLITE MOTORCRAFT DIVISION OF THE FORD MOTOR COMPANY through BATTEN, BARTON, DURSTINE & OSBORN, INC.



New York: 200 East 56th Street

Chicago: 16 East Ontario Street

Have the underwater ballerina swim directly to the edge of the television set, add product glamour shots with a water background, and you have the perfect way of saying "Jergens Moisture Cream". This is one of a series of commercials for Andrew Jergens products.

Produced by SARRA for THE ANDREW JERGENS CO. through CUNNINGHAM & WALSH, INC.



Chicago: 16 East Ontario Street





"Butter! Real butter! Costs a little more, but it's worth a lot more". That's the theme of this series of 60-second color spots for the American Dairy Assn. Seen on the Dinah Shore show, they appetizingly prove, through eye-tasting food photography, that the little difference is worth a lot more.

Produced by SARRA for the AMERICAN DAIRY ASSN. through CAMPBELL-MITHUN, INC.



New York: 200 East 56th Street

Chicago: 16 East Ontario Street

Problem: Sell Bulova to the consumer. Sell the jeweler to the consumer. This series of Bulova Watch commercials does just that. Human interest scenes, striking watch photography and jewelry store shots, all add up to the fact that "Bulova is the watch you can give with pride, wear with pride, because it is made with pride", and obtainable at "America's watch expert", your jeweler.

Produced by SARRA for BULOVA WATCH COMPANY, INC. through SULLIVAN, STAUFFER, COLWELL & BAYLES, INC.



New York: 200 East 56th Street

Chicago: 16 East Ontario Street



New York: 200 East 56th Street



Chicago: 16 East Ontario Street

YOU'LL SLEEP BETTER



...if you learn how to guard yourself against cancer.

Your best long term insurance against cancer is to see your doctor every year for a thorough health checkup, no matter how well you may feel.

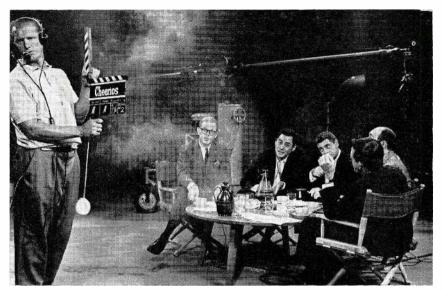
Your best day-to-day insurance against cancer is to see your doctor immediately if you have any one of cancer's seven danger signals that lasts more than two weeks.

- Unusual bleeding or discharge
- 2) A lump or thickening in the breast or elsewhere
- 3) A sore that does not heal
- 4) Change in bowel or bladder habits
- 5) Hoarseness or cough
- 6) Indigestion or difficulty in swallowing
- 7) Change in a wart or mole

For more information, call your local Unit of the American Cancer Society or write to "Cancer" in care of your local post office.

AMERICAN CANCER SOCIETY

COMMERCIALS continued



The "Open Oat" panel prepares to discuss "the shape of breakfast cereals and their role in our modern society." The scene is from one of six TV commercials made for Cheerios. Stan Freberg, whose firm created and produced the spots, is on left . . .

would want to listen? It became a case for Freberg Ltd., an advertising consultant firm in Hollywood.

Stan Freberg, boss of the company, is an advertising iconoclast: he believes satire sells products. Chun King Chow Mein is a perfect case history of how Freberg's commercials can needle a product into a best-selling status. In the two years Freberg has been doing his satirical Chun King commercials the product has vaulted from obscurity to a reported major share of the \$30 million chow mein market.

In the commercial field, Freberg is a quadruple threat man. He produces, directs, writes and performs. A commercial made by Freberg bears as distinctive a brand as, say, a motion picture by Hitchcock.

For Cheerios, Freberg made a series of six—three 30s and three minutes—taped commercials. The minute commercials, entitled "Open Oats," are obvious but keen spoofs of David Susskind's Open End talkathons. Their real distinction is that the product package is never on display.

In all the commercials the message is sounded in the lowest of keys. In one, for example, the moderator and his guests, including a general, are grouped around a table.

"There's sociological significance to shapes," begins one guest.

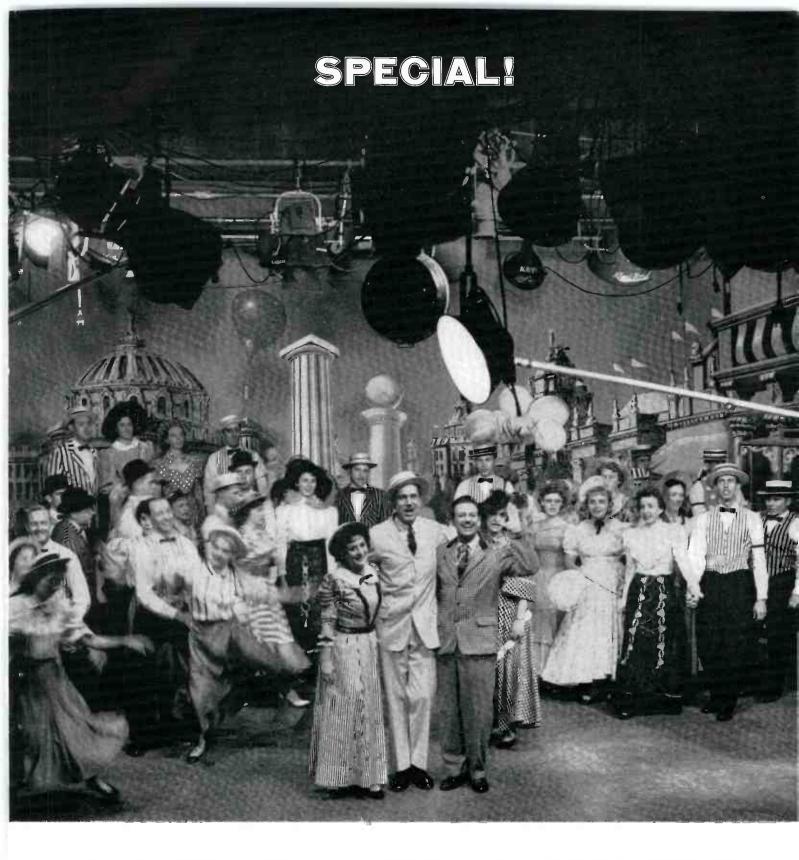
"When you refer to 'shape,' are you talking about the Supreme Headquarters of Allied Powers in Europe?" asks the general.



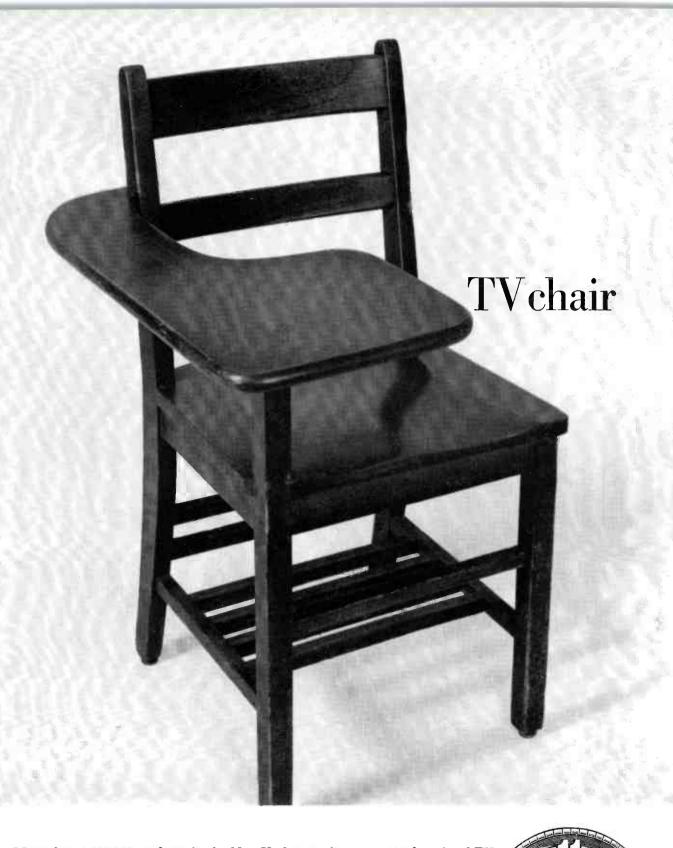
... Here, finding no box of Cheerios to show the TV audience, Freberg forms the product's shape with his fingers.

"No, no. Cereal shapes; the 'O' shape of the Cheerio," explains the moderator and thus lightly brings the discussion around to the product's "nut-like flavor" and "all-around toasting goodness."

The Cheerio TV commercials have been on the air since the middle of September. They are being shown on three network shows and in test markets around Buffalo, N.Y.



When locally-produced public affairs programming is both informative and popular, you can be sure that the talent which creates it is special. Typical examples: "Alone in Its Greatness," KMOX-TV's salute to the St. Louis Municipal Opera, which attracted a 32% share of audience; "Grant in St. Louis," a candid close-up of an extraordinary American, which had a 36% share of audience; and "St. Louis 1985," an unconventional look into the future, which achieved a fancy 40% share of audience in 4-station St. Louis (ARB). These and other imaginative, local "specials" all competed successfully against strong prime-time network opposition. This all-out attention to the local community is one reason why the community goes all-out for Channel 4. Why, month after month after month, the special audience winner is



More than 1,000,000 students in the New York area view wpix-11 educational TV as part of their regular curriculum. From 9:00 AM to 3:30 PM Monday thru Friday wpix-11 telecasts twenty-two different courses under the auspices of the New York State Board of Regents for in-school students and viewers at home. This marks the fourth consecutive year of wpix-Regents programming, the only association of such magnitude in the nation between Educational Television and a Commercial Television Station.

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TELEVI SION



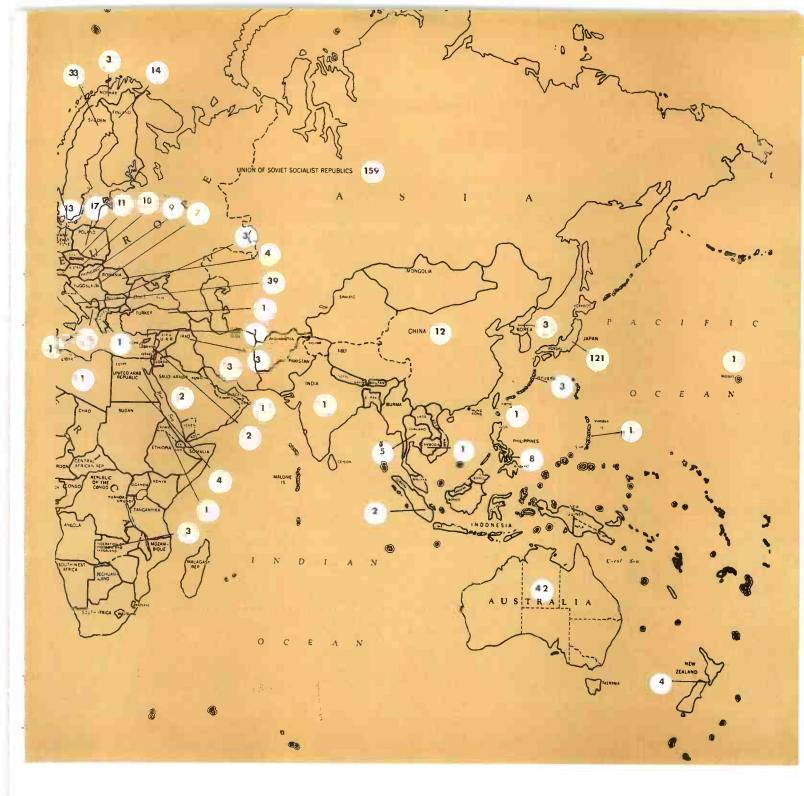


By Albert R. Kroeger

Television, as a glance at the map above will indicate, is a far-flung venture. Nearly a thousand foreign TV stations, operational, abuilding or allocated, range themselves over 82 countries. Whether government controlled or privately operated, most of them turn to the U.S. for guidance and for programming. The U.S. is obliging for two reasons: one is for profit, the other, paradoxically, is altruism—the fostering of a communications phenomenon it has itself so successfully created.

U.S. television entrepreneurs at the moment have free world television over a barrel. Their product and their skill are needed to put overseas television on its feet. Estimates hold that roughly 80% of overseas programming bears the Made-in-U.S.A. stamp. RCA is the name on transmitters from Bangkok to Rio. A man from Denver manages a station in Beirut. A technician from New York slaps at bugs as he guides work on a signal relay system in the Venezuelan jungle.

This year U.S. program distributors may take as much as \$43 million out of the overseas market. Broadcast equipment men and set manufacturers may take about \$33 mil-



lion more out on their TV export. Broadcast organizations themselves, with investments in foreign stations, aid agreements, co-production and exchange programs are now feeding money into foreign TV in the hope of eventual return.

Every major TV film producer has its product showing overseas, often simultaneous with its network run in this country. And a score of syndicators have their catalogues dubbed and moving. Overseas play is all too often the difference between a show finishing in the red or turning a profit.

The prices for product overseas vary. A good half-hour program may get as high as \$2,500 a run in the United

Kingdom, as low as \$105 in the Philippines. What a local economy can bear is the decider. Cost-per-thousand can be ridiculously high or fantastically low.

The free world overseas set count is now around the 50 million mark. By late next year there will in all probability be more TV sets in foreign countries than there are in the U.S., about 56 million currently (see chart page 62). By 1970 the overseas set count could hit 100 million. Program distributors, as foreign nations get their TV feet under them, wonder "Will they love me in 1970 as they do in '61?"

The foreign market is now roughly four years old. Some

Raymond Burr had to fight off fans in Sweden; Phil Silvers earned England's "jolly good"













Perry Mason is one of our most popular exports. Above are the actors whose voices dub for the principals in Japanese telecasts.

U.S. program men have been dealing overseas since 1951 but the boom in foreign stations and sets is a fairly recent thing. And dollar return on U.S. product overseas, constantly moving upward, has only in the last few years been in what could be called hefty figures.

If it is doubted that Made-in-U.S.A. television programs are not making a hit overseas, then Sergeant Bilko will have to turn in his stripes and Perry Mason will have to lose a case. Neither, at this juncture, need fear.

Phil Silvers, dining in a sedate London restaurant last year, barely got through his meal for the old gentlemen dottering up to him for a handshake and a "jolly good" on his TV show playing on British television.

Raymond Burr, alias Perry Mason (one of the most popular programs showing in the world market), had to literally fight off fans clamoring for a look at him on a recent world promotional tour. *Gunsmoke*, hot in the U.S., is equally hot as *La Ley Del Revolver* in Spanish-speaking countries. The French love *J'Adore Lucy*. *Bonanza* is a household word in Japan. And on it goes in some 50 countries around the world.

But there are problems. The U.S. television executive likes to look on all this, especially his overseas technical and financial aid, as a "partnership." But all too often, in foreign eyes, it smacks of a quest for what is popularly known as "the almighty dollar." And the U.S. profit motive is clear in its overseas dealings.

Nationalism is not a new word but any American doing business overseas has run into it: the foreign legislator who deems American influence a corruption of the native culture, the unions who see local labor disrupted through import, the "balance-of-trade" pressure groups.

With quotas, restrictions, censorship and the various difficulties attached to getting U.S. TV product into many nations, the dangerous thin ice of nationalism is or should be very real to U.S. television men operating overseas.

In recent months in the newspapers of several nations there has been criticism of U.S. involvement in the local television operations. And FCC Chairman Newton Minow's "vast wasteland" attack on U.S. programming, according to almost every U.S. TV source dealing overseas, has harried U.S. efforts, supplied ammunition for foreign ax grinders. But most also agree that the hurt has not been severe. The foreign operator has a lot of U.S. TV product to choose from and he buys what he wants.

While foreign nationalism is clearly a problem, the situation is far from explosive. The simple fact is that foreign TV operators want U.S. television aid. Their systems are growing and, for the present, must feed on the world's top entertainment supplier.

The roadblocks for U.S. TV enterprise abroad are not all foreign made. Program distributors level heavy criticism at some mighty U.S. forces, namely the American Federation of Television & Radio Artists, talent agencies and big-name show people themselves—the bottleneck in getting our livetape programming overseas, the so-called "cultural" or "quality" shows such as Hallmark Hall of Fame, The Play of the Week, Playhouse 90, Ed Sullivan, Bell Telephone Hour and the many music-comedy specials.

Live-tape programs are, domestically, high priced because of performers' and musicians' talent payments and the costs of clearances. Within the framework of talent costs, AFTRA has set up a payment formula for performers (example: 20% of the AFTRA minimum scale for Great Britain, 5% for Latin America, 5% for the Far East, all working up to 45% for world-wide use). But this is only part of the performers' cost story. The "name" actors and singers who work through talent agencies often insist upon 100% of their original fee, prohibitive figures in any overseas market, too "risky" for most distributors to even try to sell. Consequently, the foreign market is bare of some of America's better TV efforts.

NBC International did distribute *The Perry Como Show* overseas in 16 countries last year because most performers on *Como* agreed to work for an "equitable" fee. But others didn't and some of the *Como* "hours" played overseas in formats ranging down to 18 minutes. The show is no longer in overseas distribution and NBC International took a loss on its effort.

U.S. filmed programs flow overseas in abundance for the simple reason that present contracts with film unions do not carry the high talent pay costs.

In the sphere of "quality" programming the U.S. is represented overseas only by a growing business in news and documentary product. The question remains with U.S. image-sensitive groups, "Is it enough?" "What impressions of America are being left by the popular, but questionable, westerns, comedies and action epics?" Some U.S. representatives of foreign TV stations shake their heads.

Charles Michelson, president of Charles Michelson Inc., which represents 17 TV stations ranged from Thailand to Africa, buys programs for its stations from all U.S. sources, recalls foreign visitors wanting to see our Indians and gangsters and two-car garages, "the exact impression left by our overseas shows."

Says Michelson, "The State Department invites foreign station men to the United States to study our television system. They get a USIA indoctrination, are farmed out to universities to study educational television and then visit commercial stations around the country. They are exposed



'51 '52 '53 '54 '55 '56 '57 '58 '59 '60 '61 '62

to our entire system. Back home they want to put on the same kind of programming. Without our help in the 'quality' area, they can't."

Michelson sees the roadblocks to "quality" as the unions and top talent. "Why expose myself in Australia," supposes Michelson putting himself in the thinking of a top star, "when I can command five to ten times as much payment

there by personal appearance?"

Michelson has written to the presidents of several major companies currently sponsoring top-draw "quality" programs asking them if they can break loose their shows for foreign showing. The answers are the same. "We'll look into it," or "See the talent agency." Says Michelson, "It's a stalemate. Talent wants pay. Their point can be well taken but it does not get us the programming that is most important for our prestige abroad."

It is a moot point whether U.S. prestige abroad is suffering via its television export. With a flow of "quality" programs the elusive thing called "image" might be enhanced, but, according to many program distributors, foreign operators know what they want—what they take represents their own choice, based on the viewing habits of their audiences.

Says Ralph Baruch, director of international sales for CBS Films, "Television has represented America better than the movies ever have." As a case in point he cites "Harvest of Shame," a controversial CBS Reports show that depicted the plight of the U.S. migratory worker. Baruch cites the reaction, when it was shown in Japan, as doing more for democracy in that nation than anything ever has, a problem frankly exposed and the U.S. credited with showing it, demolishing the myth of a gay, problem-free America.

Baruch, aware of the problems of getting "quality" shows abroad, maintains that "we must offer to the world the entire output of U.S. television." But he adds that the overseas operator buys what he wants. "He comes here and sees a show's ratings points, often no small influence on his program selection."

Qualifying the subject of ratings and show selection, Merle S. Jones, president of CBS Television Stations (who also handles CBS international operations pertaining to broadcasting), says, "As a rule, a country beginning in television and buying our shows, reflects on ratings as a guide to program popularity. The more sophisticated countries are experienced with their own ratings and they buy what their people want."

An NBC International executive gives the foreign TV operator credit for taste and a sense of immediacy. "He does not," says the NBC man, "want to be known as a third-run theatre. He wants the newest programs. He knows that styles change. A lot of U.S. producers have made the mistake of holding back a program from world distribution to wait out higher sales prices, and they have lost out completely."

With the growth in the world market, this NBC executive points out that U.S. program distributors can no longer fly into a country, make a sale, and fly out again the next day. "Today you must maintain selling organizations, know your customers and sell to them as broadcasters." To this end, most of the major U.S. program distributors have opened sales offices in key foreign cities.

MCA-TV, marketing some 40 shows in better than 50 countries, claims more foreign sales offices than any other distributor—nine (Paris, Rome, London, Berlin, Munich,

Toronto, Mexico City, Sydney and Tokyo). An MCA-TV spokesman notes that "no sub-distributors are used." This, he claims, is more costly but "firm control over selling terms is maintained—and it leads to greater respect for the operation." And, the MCA man adds with a nod to the problem of nationalism, "the offices are staffed entirely by nationals of the country operated in."

While every U.S. programming man slugs it out for his own organization's TV product overseas, U.S. world TV interests on an industry level are looked out for by two associations or lobby groups: The Television Program Export Association representing 12 TV film companies and the Motion Picture Export Association representing nine motion picture firms. (Telefilm, as well as feature film, comes under MPEA in that 35% of its members' production is network TV product, currently about \$87 million worth of new network shows on a 39-week basis.)

TPEA, now about a year-and-a-half old, is headed by John G. McCarthy, a former head of the foreign department in Hollywood's Johnston Office. Its members include CBS, NBC, ABC, MGM, United Artists, Screen Gems, MCA, NTA, Warner Bros., Desilu, Four Star and Danny Thomas.

MPEA duplicates TPEA in four members, United Artists, Screen Gems, Warner and MGM, adds Allied Artists, Walt Disney, Paramount, 20th Century-Fox and Universal. Its president is William Fineshriber, a one-time NBC executive and a former head of Screen Gems' international division.

Both organizations parallel each other in being service organizations for member use, supply information on each overseas TV market, current prices, restrictions, stations, legislation as it affects U.S. TV interests. They can each work with foreign government's television interests in efforts to clear up problems, try to get the best possible arrangements for their members to do business under. U.S. program distributors generally agree that their work is "helpful."

Says John McCarthy, "We are up against cartels, protective problems, restrictions, quotas, price ceilings and allocations of foreign exchange." But he still sees progress.

In a report to the U.S. government earlier this year, McCarthy estimated revenues from U.S. telefilms in the foreign market as reaching from \$35 to \$43 million in 1961. In a breakdown by regions, the TPEA head spreads the telefilm return as \$3 to \$4 million from continental Europe, Africa and the Near and Middle East; \$23 to \$29 million from the United Kingdom, Canada and Australia; \$5 to \$6 million from Latin America, and \$3.7 to \$4 million from the Far East.

In 1962, if restrictions in key markets such as the United Kingdom could be ameliorated and access to other markets maintained, McCarthy expects overseas TV revenues to climb as high as \$50 million.

To McCarthy, and to every other TV man selling product overseas, the fly in the foreign ointment is Great Britain. Britain's commercial network, established in 1955, maintains a protective quota that gives U.S. (or foreign) product 14% of air time—one hour a day for non-British TV programming. To McCarthy, who notes that U.S. shows playing British television generally get the top ratings, the situation is "intolerable."

"Competition among U.S. program distributors," says McCarthy, "is acute because of the scarce time slots. And British buyers are tough. They get top programs for ridiculously low prices. A half-hour show will get anywhere from \$2,500 to \$3,500. Its cost in the U.S.: \$55,000."

In Canada, the U.S.'s single largest "overseas" market,

McCarthy points to "an ominous trend." The Canadian quota of domestic programming is now 45%. Next April it will rise to 55%. (But the Canadian quota is liberal. A Canadian star in a U.S. show or even a topic could come under the allowable heading "of domestic interest." Nevertheless, some U.S. producers are going into show production in Canada to safeguard interests in this key market.)

Europe, excluding the United Kingdom, is in McCarthy's estimation not moving as rapidly as the rest of the world in TV station and set growth. It has the British example of government control but commercial operations are starting, and, in McCarthy's words, "When advertising is permitted to come into the picture, set counts take off."

In West Germany a second channel is coming into operation—with advertising time sold three years in advance, according to McCarthy. Italy is adding channels. France is moving slowly.

Australia is a bright spot in McCarthy's book and in the eyes of most U.S. program distributors. Prices are in line with comparable U.S. markets and the Australian people are said to come closest to Americans in outlook and in entertainment taste.

In Japan, where McCarthy and TPEA have done a great deal of spade-work to open a "fair" Japanese market, the TV boom also is on. Three years ago Japan had 600,000 TV sets. The figure now approaches nine million. Once-trouble-some price ceilings on imported shows were lifted early this year after months of negotiations. Where a year ago there was a price ceiling of \$350 imposed on a half-hour program, it now goes as high as \$750, still a c-p-m less than any other country in the world, but progress nonetheless.

At MPEA, William Fineshriber echoes many of TPEA's views of the world TV market. (In overseas TV activity,

To page 84

AROUND THE WORLD WITH TELEVISION Complete listing of world TV stations, as compiled by official U.S. government agencies. Carried in full in this issue.

ניז	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
RANK BY REVENUE	MARKET & NO. OF STATIONS ()	TOTAL REVENUE	RANK BY TV HOMES	TOTAL TV HOMES	RANK BY REVENUE PER TV HOME	REVENUE PER TV HOME	NETWORK	PER CENT SHARE	LOCAL
1	NEW YORK, N.Y. 17)	\$82,321,928	1	4,961,300	18	\$16.59	13%	72%	15%
2	LOS ANGELES, CAUF. (7)	51,197,070	2	2,734,700	7	18.72	11	55	34
3	CHICAGO, ILL. (4)	42,302,584	3	2,188,600	6	19.33	14	66	20
5	PHILADELPHIA, PA. (3) BOSTON, MASS. (3)	28,443,927	4	1,912,600	36	14.87	18	65	17
6	DETROIT, MICH. (3)	22,995,082 19,479, 7 18	5	1,447,600	26	15.88	16	60	24
7	SAN FRANCISCO-OAKLAND, CALIF. (4)	18,768,167	7	1,596,400 1,323,300	57 41	12.20	23 19	55 52	22 29
8	PITTSBURGH, PA. (3)	17,484,738	9	1,267,600	46	13.79	18	61	21
9	CLEVELAND, OHIO (3)	17,484,182	8	1,307,300	48	13.37	20	59	21
10 11	ST. LOUIS, MO. (4)	13,852,805	10	851,500	22	16.27	19	59	22
12	WASHINGTON, D.C. (4) BUFFALO-NIAGARA FALLS, N.Y. (3)	12,486,763	11	836,500	35	14.93	19	61	20
13	MINNEAPOLIS-ST. PAUL, MINN. (4)	11,989,427 11,984,632	17	647,800 743,600	10 24	18.51	18 20	58 45	24 35
14	BALTIMORE, MD. (3)	10,941,114	15	674,300	23	16.22	19	57	24
15	DALLAS-FT. WORTH, TEX. (4)	10,922,980	14	708,200	30	15.42	19	48	33
16	MILWAUKEE, WIS. (4)	10,217,295	19	601,400	17	16.99	2	58	21
	NEW BRITAIN-WATERBURY, CONN. (5)	10 000 101							
17	CINCINNATI, OHIO (3)	10,209,181 9,904,328	16	460 100		10.00	18	69	13
18	INDIANAPOLIS-BLOOMINGTON, IND. (4)	9,770,712	13	650,100 716,400	31 47	15.23 13.64	20 19	57 55	23 26
19	KANSAS CITY, MO. (3)	9,608,652	18	611,100	28	15.72	22	58	20
20	MIAMI, FLA. (3)	9,423,724	22	515,400	12	18.28	16	52	32
21	HOUSTON-GALVESTON, TEX. (3)	9,359,319	23	502,400	8	18.63	19	56	25
22 23	SEATTLE-TACOMA, WASH. (5) COLUMBUS, OHIO (3)	9,118,354	21	552,300	20	16.51	20	60	20
24	ATLANTA, GA. (3)	8,393,486	25	487,500	15	17.22	20	55	25
25	PORTLAND, ORE. (3)	8,025,746 7,671,152	20 27	578,800 463,000	45 19	13.87 16.57	21 20	55	24
26	DENVER, COLO. (4)	7,291,197	31	355,600	4	20.50	16	50	34
27	NEW ORLEANS, LA. (3)	7,119,790	30	386,300	11	18.43	20	49	31
28	ALBANY-SCHENECTADY-TROY, N.Y. (3)	6,191,436	26	463,900	49	13.35	25	57	18
29 30	SACRAMENTO-STOCKTON, CALIF. (4)	6,066,773	29	388,400	29	15.62	18	58	24
31	MEMPHIS, TENN. (3) TAMPA-ST. PETERSBURG, FLA. (3)	5,963,101	24	488,300	56	12.21	28	53	19
32	OKLAHOMA CITY-ENID, OKLA. (3)	5,787,258 5,753,481	36 35	328,300 335,400	14 16	17.63	18 24	52 49	30 27
*	HARRISBURG-LANCASTER-YORK-	3,730,401	30	333,400	10	17.15	24	47	21
	LEBANON, PA. (5)	5,156,263			-414		24	54	22
33	NASHVILLE, TENN. (3)	5,091,817	32	346,800	38	14.68	25	38	37
34	NORFOLK-PORTSMOUTH-NEWPORT NEWS-								
35	HAMPTON, VA. (3) SAN ANTONIO, TEX. (4)	5,037,725	33	342,400	37	14.71	25	43	32
36	OMAHA, NEB. (3)	4,741,136 4,737,735	41 34	313,900	33	15.10	23	n 49	28
37	PHOENIX-MESA, ARIZ. (4)	4,645,389	58	337,300 204,500	43 13	14.05 22.71	29 17	50 37	21 46
38	ROCHESTER, N.Y. (3)	4,644,088	39	321,100	39	14.46	23	56	21
39	TULSA, OKLA. (3)	4,287,607	43	304,300	42	14.09	27	49	24
	CHARLESTON-OAK HILL-HUNTINGTON,								
40	W. VA.,-ASHLAND, KY. (4) DES MOINES-AMES, (OWA (3)	4,249,067	*				28	45	27
41	SALT LAKE CITY-OGDEN-PROVO, UTAH (5)	4,132,488	40 49	316,600	51	13.05	26	58	16
*	JOHNSTOWN-ALTOONA, PA. (3)	3,987,004 3,821,435	7	250,600	25	15.91	24 24	36 58	40 18
	SPRINGFIELD-DECATUR-CHAMPAIGN-	0,027,700					29	36	10
	URBANA-DANVILLE, ILL. (5)	3,652,516					21	45	34
42	WICHITA-HUTCHINSON, KAN. (3)	3,616,718	46	259,000	44	13.96	25	49	26
43 44	SPOKANE, WASH. (3) FRESNO, CALIF. (3)	3,599,008	50	249,300	40	14.44	20	57	23
45	WILKES-BARRE-SCRANTON, PA. (3)	3,361,878	55	224,600	34	14.97	25	49	26
46	GREENVILLE-SPARTANBURG, S.C	3,197,422	47	253,100	52	12.63	28	41	31
	ASHEVILLE, N.C. (4)	3,139,581	28	395,300	70	7.94	25	49	26
47	RICHMOND-PETERSBURG, VA. (3)	3,114,324	45	275,400	60	11.31	31	43	26
*	PORTLAND-POLAND SPRINGS, ME. (3)	3,064,671			40		27	54	19
48 49	FLINT-SAGINAW-BAY CITY, MICH. (3) HONOLULU, HAWAII (3)	3,063,710	42	306,000	64	10.01	28	52	20
50	ROANOKE-LYNCHBURG, VA. (3)	2,998,074	64	129,900	2	23.08	10	37	53
51	MOBILE, ALAPENSACOLA, FLA. (3)	2,879,875 2,847,410	44 54	298,700 228,400	65 53	9.64 12.47	30 21	42 44	28 35
52	CEDAR RAPIDS-WATERLOO, "IOWA (3)	2,799,833	37	325,500	67	8.60	29	54	17
53	KNOXVILLE, TENN. (3)	2,694,877	53	229,800	58	11.73	27	44	29
54	GREEN BAY, WIS. (3)	2,665,045	38	324,200	69	8.22	34	34	32
55 56	PEORIA, ILL. (3) FORT WAYNE, IND. (3)	2,572,865	61	169,100	32	15.21	28	39	33
57	ORLANDO-DAYTONA BEACH, FLA. (3)	2,547,251 2,539,495	57	207,600	55	12.27	30	37	33
58	LITTLE ROCK, ARK. (3)	2,505,563	56 51	221,700 232,000	59 63	11.45 10.80	21 28	38 40	41 32
59	CHATTANOOGA, TENN. (3)	2,221,272	59	203,000	61	10.94	29	41	30
60	MADISON, WIS. (3)	2,167,225	52	232,000	66	9.34	25	49	26
61	EVANSVILLE, IND. (3)	2,127,334	48	251,100	68	8.42	30	32	38
62 63	TUCSON, ARIZ. (3) AMARILLO, TEX. (3)	2,068,354	67	103,300	5	20.02	17	25	58
64	ALBUQUERQUE, N.M. (3)	2,032,058	66	111,700	13	18.19	21	29	50
*	PADUCAH, KYCAPE GIRARDEAU, MO,-	1,998,694	65	126,800	. 27	15.76	22	25	53
	HARRISBURG, ILL. (3)	1,977,109					30	53	17
65	BAKERSFIELD, CALIF. (3)	1,941,123	60	177,400	62	10.94	17	37	46
66	SOUTH BEND-ELKHART, IND. (3)	1,924,734	62	155,200	54	12.40	28	36	36
67	EL PASO, TEX. (3)	1,900,375	68	102,600	9	18.52	20	34	46
68	YOUNGSTOWN, OHIO (4)	1,898,040	63	144,700	50	13.12	28	45	27
	ROCHESTER-AUSTIN, MINN MASON CITY, IOWA (3)	1 440 304					0.6	24	40
69	COLORADO SPRINGS-PUEBLO, COLO. (3)	1,662,396 1,512,482	69	91,800	21	16.47	24	36 29	40
70	LAS VEGAS-HENDERSON, NEV. (3)	1,100,187	70	37,000	1	29.73	10	18	51 72
* 61-4	rested become ECC and TELEVICION, MAGAZINE								

^{*} Not ranked because FCC and TELEVISION MAGAZINE market combinations do not correspond.

REVENUE v. TV HOMES

New ranking of TV markets finds curious relationships between audience and revenue

"I can't explain myself, I'm afraid, sir," said Alice, "because I'm not myself, you see."

In the Alice in Wonderland world of television economics, things are not always what they seem, either. This is the prime conclusion of a new research study of major U.S. TV markets prepared by Television Magazine and reported herewith: that there are curious discrepancies between the amounts of money advertisers are spending in TV markets and the number of TV homes those markets represent.

Or, as one researcher puts it: "All television homes are equal, but some are more equal than others."

The Television Magazine study reaches this conclusion by devising a new index of market revenue efficiency: revenue-per-TV-home.

Going backwards through the looking-glass, in this case the FCC time sales revenue figures for 1960 in three-or-more-station markets, Las Vegas-Henderson, Nev., ranks 78 in total TV revenue. New York ranks first. Yet the Las Vegas market, with the smallest number of TV homes in this listing and the least amount of total revenue, produces more revenue per TV home than any other multi-station area—\$29.73. New York, on the other hand, with the most TV homes and the highest total TV revenue, ranks 18th on the revenue-per-TV-home scale with \$16.59.

Las Vegas-Henderson cannot be called a less efficient buy than New York (or than Greenville-Spartanburg, S.C.-Ashville, N.C., with an R-P-TV-H of \$7.94, lowest on the scale), but it, and similar examples, do point up the apparent fact that many of the "smaller" markets are more efficient in producing revenue per *potential* TV home than larger markets.

On a comparative basis, R-P-TV-H does indicate where

The table on the facing page is composed of the following information: Columns [1] [2] [3] rank and list 78 markets, all having three or more operating TV stations, according to total revenues (time sales) for calendar year 1960 and released by the FCC. Columns [4] [5] rank and list the TV homes count for 70 of those markets in July 1960, according to Television MAGAZINE. (The method for computing these TV homes figures is explained on page 103.) For purposes of this study eight of the markets listed by the FCC are not given rankings in the table, this because the FCC's market combinations for these eight do not correspond with Television Magazine's market combinations. Columns [6] [7] rank and give dollar figures for revenues per TV home, computed by dividing TV homes into total revenues. Columns [8] [9] [10] break down the total revenue figure reported by the FCC into network, spot and local categories of time sales.

HOW 70 MARKETS RANK IN REVENUE PER TV HOME

1 Les Voues Handarion Nov

2. Honolulu, Hawaii	g.
3. Phoenix—Mesa, Ariz	1
4 Degree Cala 20 5	'n
4. Denver, Colo. 20.5 5. Tucson, Ariz. 20.0	2
5. Tucson, Ariz	2
6. Chicago, III. 19.3 7. Los Angeles, Calif. 18.7	3
7. Los Angeles, Calif	2
7. Los Angeles, Calif. 18.6 8. Houston—Galveston, Tex. 18.6 9. El Paso, Tex. 18.5 10. Buffallo—Niagara Falls, N. Y. 18.5 18.6 18.6	3
9. El Paso, Tex	2
10. 8uffalo—Niagara Falls, N. Y	1
11. New Orleans, La	3
12. Miami, Fla	8
13. Amarillo, Tex	9
14 Tampa—St. Petershura, Fla. 17.63	3
16 Columbus Obio	2
15. Columbus, Ohio 17.2 16. Oklahoma City—Enid, Okla. 17.1 17. Milwaukee, Wis. 16.9	5
16. Oklanoma Ciry—Enia, Okla.	
/. Milwaukee, Wis	7
18. New York, N. Y	-
19. Portland, Ore	′
20. Seattle—Tacoma, Wash. 16.5 21. Colorado Springs—Pueblo, Colo. 16.4	1
21. Colorado Springs—Pueblo, Colo	7
22. St. Louis, Mo. 16.2 23. Baltimore, Md. 16.2	7
23. Baltimore. Md	2
24 Minneapolis—St Paul Minn. 16.12	2
25. Salt Lake City—Ogden—Provo, Utah	1
26 Boston Mass 15.88	R
27 Albuquerque N. M. 15.7	6
27. Albuquerque, N. M. 15.7 28. Kansas City, Mo. 15.7 29. Sacranto—Stockton, Calif. 15.6 30. Dallas—Fort Worth, Tex. 15.4	2
28. Kansas City, Mo	,
27. Sacramento—Stockton, Calif	,
30. Dallas—Forf Worth, Tex	2
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31. Cincinnati, Ohio	3
22 Beering 111 15.7	
33. San Antonio, Tex)
34. Fresno, Calif	7
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advertisers are putting heavy dollar concentrations, where stations are getting good dollar efficiency.

To arrive at an R-P-TV-H ranking, the table (page 64) lists 78 FCC reported markets. (The FCC does not report publicly earnings in markets with fewer than three stations, for the obvious competitive reasons.) For 70 of these 78 markets, Television lists comparable homes information taken from its July 1960 count. Eight markets have been excluded because the FCC's market combination does not correspond with the Television unduplicated homes listing.

In the 70 markets under study, the TV homes are divided into the total revenue figure of each to arrive at R-P-TV-H—and some striking illustrations. Basically, as in the case of the aforementioned Las Vegas market, it suggests that many smaller markets are more "efficient" in producing revenue per TV home than larger markets. This is not always the case—top revenue markets like Chicago and Los Angeles rank high in R-P-TV-H—but it occurs often enough to bear out.

For the most part, a comparison of rankings per total revenues reported by the FCC and total sets according to Television shows that these two ranks are generally in agreement. New York, for example, is first in both rankings. Des Moines-Ames, Iowa, is 40 in both. Colorado Springs-Pueblo is 69 in both. Nashville is 33 in total revenues, 32 in total TV homes. Miami is 20 in revenues, 22 in homes.

In only 16 of the markets is there more than a five-point spread between the market's ranking in total revenues and in total TV homes. In only seven of the markets is there a spread of more than 10 points.

Mean and median

The mean R-P-TV-H figure for the 70 markets is \$15.40. The median is \$14.90. (The mean falls between Dallas-Ft. Worth and Cincinnati, the median between Washington and Philadelphia, as indicated by the R-P-TV-H table on page 65.)

How do the top 10 revenue-producing (and top TV home) markets fare in the R-P-TV-H concept? Five of them fall below the \$15.40 mean but the first three markets make good showings.

The ranking by order of top market: New York—18th in R-P-TV-H with \$16.59; Los Angeles—7th, \$18.52; Chicago—6th, \$19.33; Philadelphia—36th, \$14.87; Boston—26th, \$15.88; Detroit—57th, \$12.20; San Francisco—41st, \$14.18; Pittsburgh—46th, \$13.79; Cleveland—48th, \$13.37, and St. Louis—22nd, \$16.27.

The table on page 64, in addition to plotting market rank by revenue, breaks down the actual revenue in each market in percentages of network, spot and local business. (Actual figures can be arrived at by multiplying against the total FCC revenue figure.)

It is readily apparent, and no surprise, that most stations make the largest proportion of their revenue from spot—in this case, 63 of them. In 13 of the 15 markets in which spot is not the biggest revenue producer, local is. South Bend ties in spot and local at 36%. Green Bay ties in network and spot at 34%—the highest network revenue percentage of any market (probably because the market, small in metropolitan area, provides good state-wide circulation).

The high-ranking markets by category: Network—Green Bay, 34%. Spot—New York, 72%. Local—Las Vegas, 72%. The markets ranked lowest in these categories: Network—

Honolulu and Las Vegas, 10%. Spot—Las Vegas, 18%. Local—Hartford, 13%.

Network is clearly not the big money-maker for these 78 markets. Of the 13 markets getting the largest proportion of their revenue from local, nine of them are above-average in R-P-TV-H, and all are generally smaller markets. The three local leaders, Las Vegas (72%), Tucson (58%) and Albuquerque (53%), the first two in the R-P-TV-H top ten, may be heaviest in local business simply because their suburban areas are relatively small, no great inducement for national spot activity, according to one station rep.

Another station representative is surprised that the highest-in-local list isn't longer. He says that because of rate increases advertisers have tended to cut back on the number of markets they use in a spot list, cutting off the smaller markets. His guess is that the list of local leaders will be even larger when the 1961 figures come out.

There are a number of interesting comparisons to be made between the first and third markets—New York and Los Angeles, both seven station areas.

In R-P-TV-H ranking, New York is 18th with \$16.59, Los Angeles is 6th with \$19.33. Why is Los Angeles so much more efficient in this regard? New York has 72% spot revenues, Los Angeles 55%. Why is there so much more spot in New York? Conversely, New York has only 15% local, Los Angeles has 34%.

One answer to the New York-Los Angeles R-P-TV-H differential might be, according to another station representative, that Los Angeles' rates may be more favorable and its availabilities higher. Another answer may be that there are so many TV homes in New York and stations cannot charge more, regardless of set increases. Los Angeles, on the other hand, has a long way to go to catch up to New York in TV homes—but its suburbs are still in a phase of rapid expansion

Los Angeles makes up in local business what it lacks in spot, perhaps because of the nature of West Coast advertising habits. In the early days of television, L.A. was isolated from the big money in the East and had to build up local revenue sources more than New York did. Some of its spot business, too, might be being fed into high-population surrounding markets.

One station representative also points out, in noting L.A.'s healthy local business, that Los Angeles newspapers are poor media buys, each hitting less than 50% of the market. Local advertisers turn to TV to hit the expansive Los Angeles territory with greater effectiveness.

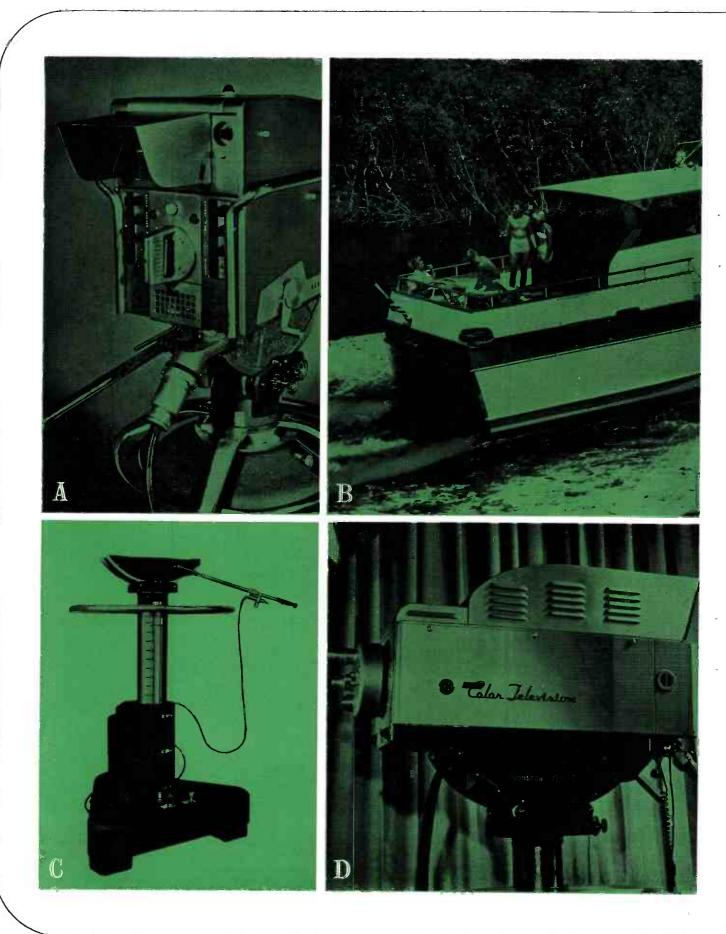
In the puzzle of R-P-TV-H, it is to be noted that, with a few exceptions, smaller markets make up both ends of the scale. In the top ten R-P-TV-H markets lay Chicago and Los Angeles, but also such low total revenue contrasts as Las Vegas, El Paso, Tucson and Honolulu. On the bottom of R-P-TV-H efficiency are smaller markets in the extreme, none with a total revenue rank higher than 46th. It may be said here that low revenue is definitely a R-P-TV-H handicap. But not always, as in the case of Las Vegas, the revenue low man but the R-P-TV-H leader; or El Paso, 67th in revenue, 9th in R-P-TV-H.

The revenue-per-TV-home concept is a valuable guide to where the most ad dollars are being spent, on a comparative basis. Beyond that, it raises a number of curious questions about buying habits that call for close examination by serious students of TV marketing.

Gift Suggestions

FOR THE
TV EXECUTIVE
WHO HAS
EVERYTHING

or
How to spend
\$1,399,330.10
in Television
without
really trying



A General Electric's black-and-white TV camera, perfect for the TV executive who's always known he could make better commercials himself if only he had the equipment \$10,250 B Chris-Craft 50 ft. Constellation motor yacht, just the thing for location shooting and/or deep sea brainstorming sessions. It sleeps 10, comes with standard accessories for \$53,990 C Houston-Fearless PD-9 camera pedestal. If he leans more to brain than brawn, he'll appreciate your throwing in this accessory \$2,700 D RCA color camera chain w/console mounted control. Fully compatible. Just slightly more than the yacht \$57,500

E Machlett ML-7351 camera tube. Indispensable when the original fails \$400

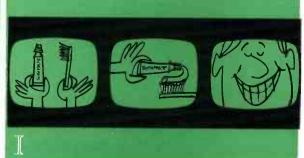
F Klieglight pattern projector. One won't be enough, but this will start his set \$80.70



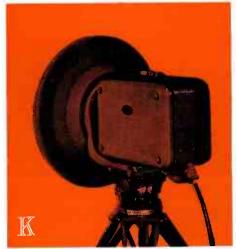






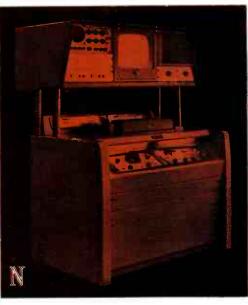




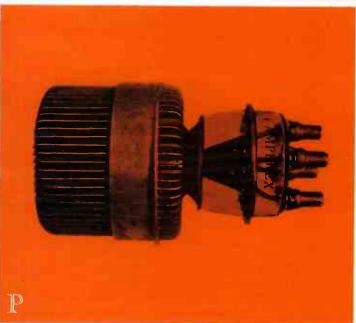


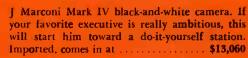












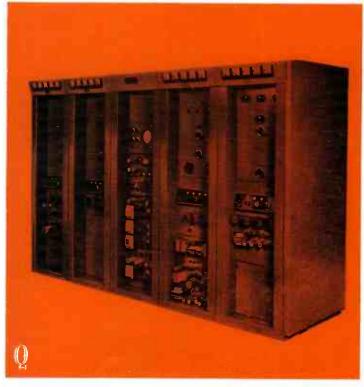
K. Raytheon microwave parabola. For sending signals back home. 2 ft. disc. \$323

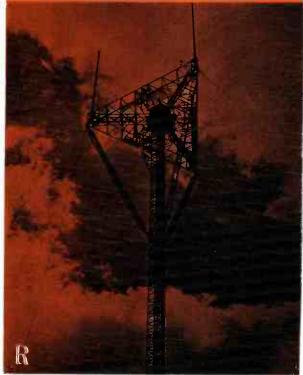
The system that works it: up to \$12,100

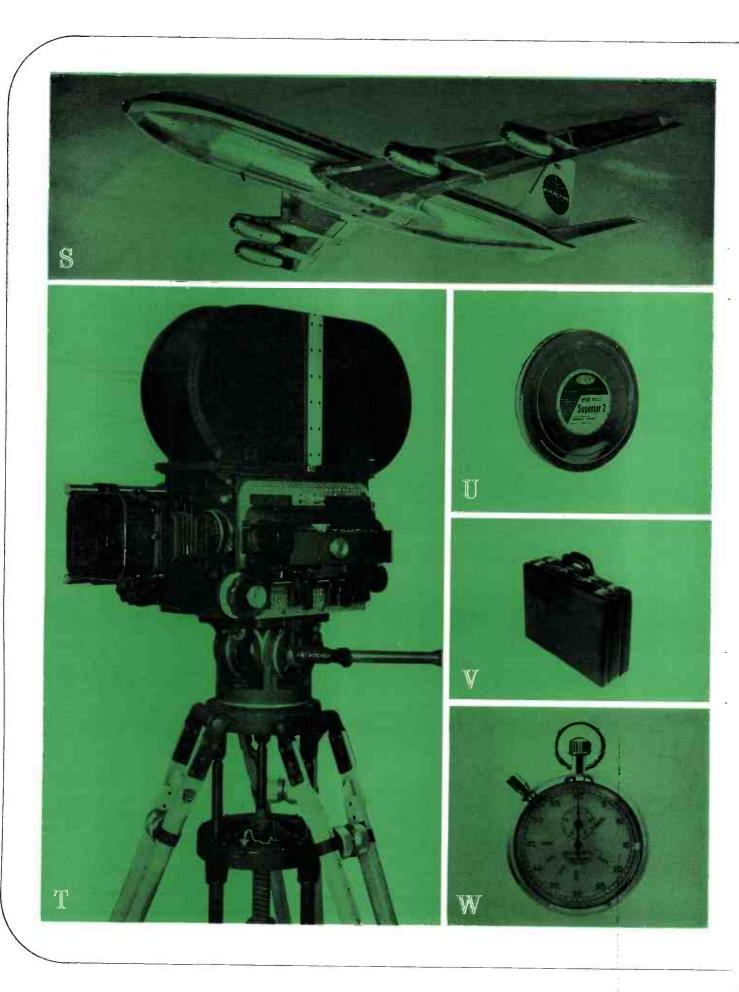
L Ampex Videotape cruiser. Complete with one VR 1002 recorder, 3 Marconi cameras, air conditioning, instruction booklet. Useful for executives with wanderlust and\$275,000

M Video tape itself, by Minnesota Mining & Manufacturing. Or forget the cruiser .. \$205.57

P Amperex 6076 tube. The most expensive replacement tube for his transmitter, costs . . \$305









S After his experiences in commercial making and station operation, the TV executive will be And if you really want to do him a favor, add on a one-way ticket to Tahiti \$390 T Mitchell 35mm film camera. For home movies of his trip\$20,000 U DuPont film. 1,000 ft. 11 minutes \$50 V Mark Cross attache case. To carry the film. Convenient back home, too; converts from office W Stopwatch, Clebar Watch Co. For counting the hours 'til he's back to it all \$61.25 X The perfect secretary, a good reason to come back. A year's services for \$6,500 For him for her: the Christmas bonus she's wearing here, a natural Russian sable from Georges Kaplan, New York, for \$35,000 Z Miltown. For him when his wife meets his





CLOSEUP EDWARD PETRY

A PIONEER PULLS NO PUNCHES

The original station representative is still in the thick of the battle he started

BY MORRIS J. GELMAN

B D PETRY paced the carpeted floor of his big, airy office, turned a key ring over and over in the palm of his hand, took quick, deep breaths, and spoke about his lifetime goal:

"Just like everyone else, I always had an ambition to be in business for myself and make money," he said. "If I had it to do all over again, I wouldn't change a thing." Then, after a reflective pause he added, "But it's not an easy road to travel."

There is considerable evidence that Petry has indeed pounded a formidable path through life. Starting from a quiet residential section of Brooklyn, he twisted past a young manhood of rollicking salesmanship, helped develop a chaotic facet of advertising into a more than half-billion-dollar industry, climbed over the rocky terrain of the depression years, survived the devastating effects of intrafactional conflict and managed to harness the potentialities of a giant new medium. His travels brought him to a secure and attractive destination: chairman of the board, majority stockholder and moving force of Edward Petry & Co., one of the largest and most profitable exclusive national station representation firms.

Along the way Ed Petry kicked up more than the usual amount of dust. At one time or another he's sold, entertained, argued and worked with some of the best station managers in the business. He's one of the few authentic broadcasting pioneers still active.

Other than for heading his own station rep firm, Petry is best known as a shrewd and persistent salesman, a straight-down-the-line operator who asks and makes no compromises, and a battler of the first rank. It's said of Ed Petry that he's

like a thorn on a rose bush: he'll prick any hand that reaches out to upset the tranquility of himself or the source of his business existence.

Probably his most generally acknowledged and enduring claim to fame is his role as progenitor of the spot representation business. "The original station representative," his advertising says. Not many will dispute the assertion.

It was on February 1, 1932, during the white heat of the depression, that Edward Petry opened offices in New York and Chicago as a station representative selling time on national and regional levels for individual stations in a particular market. He didn't exactly invent the concept. He certainly wasn't the only one during that period selling commercial radio time for stations. Conceivably he wasn't even the first person to represent a station on a strictly exclusive basis. Yet there seems little doubt that he was the first to combine all these elements into the station representation operation as it's known today.

He signed up stations in various big markets across the country, represented only one station in a market, and sold their time nationally as well as regionally by opening branch offices in key cities. He also set fair time rates and insisted his stations stick to them. There is considerable evidence that Edward Petry did all these things before anyone else.

Prior to Petry, the spot broadcasting business was a sometime thing. Its place in the American business world was comparable to marathon dance contests—haphazard, hectic, barely legitimate and mostly unprofitable. Almost all national and regional spot radio time was sold by time brokers, who were among the most wildly free enterprisers of the day. Time brokers sometimes operated under the theory



Ed Petry: "Like Diogenes in the underworld, like Rocky Graziano in high society"

that the more stations they handled in the same market, the merrier their business, and they had little compunctions about price juggling.

"Ed changed all that," says Edward Voynow, Petry's longtime partner, currently president of Edward Petry & Co., head of the Chicago office, and himself a former time broker. "He was the first to establish a rate structure. He gave direction to the business, cleaned it up, encouraged and promoted ethical broadcasting."

Now, almost three decades later, spot time sales are the marrow of radio and the backbone of television station operation. Last year over 4,000 advertisers invested approximately \$616 million in national and regional spot TV, while an additional \$200 million-plus was spent in national spot radio.

And as the spot representation business has grown into a lush and verdant industry, Edward Petry & Co. has matured from a wing-and-a-prayer innovator into a wealthy, wise and winning trend-setter.

An anniversary coming up

Next February the company celebrates its 30th birthday. Like most 30 year olds, it's geared for its most productive years. Starting out as a three-office business comprised of seven people and a client list of 13 radio stations, the company's tribe has increased until it now numbers nine offices—New York, Chicago, Atlanta, Dallas, Detroit, Los Angeles, San Francisco, St. Louis and Boston—in as many cities, an overall personnel staff of 205 and a client list of 31 television and 26 radio stations.

Since 1947, the firm—reportedly one of the first to do so—has maintained separate radio and TV divisions. Both are stocked with goodly numbers of resolute salesmen experienced in the "Petry way," which according to one industry observer is another way of saying "tremendous aggressiveness in selling." Currently the company has 33 TV and 26 radio salesmen working for it nationally. New York, the headquarters office, employs 14 of the TV and 10 of the radio salesmen.

Martin L. Nierman, Petry's executive vice president, who in recent years has been assuming more and more corporate leadership, says 1960 was the firm's biggest year. He claims that its gross TV volume doubled between 1955 and 1960, and that profits for this year are running "close" to last year's record figures.

"The company is stronger than it's ever been in its history," he asserts, and points a finger of admiration toward his boss. "The company is a reflection of Petry and the things he approves of," Nierman says, and then adds, "He's a fabulous man."

But one man's fable can be another man's nightmare, and Ed Petry, it seems, is both.

"He's generous, emotional, high-strung. He's a strong man, a rugged individual—just too complex for me," a former Petry employe said last month.

Another employe who worked for the company for many years and is now retired puts it this way: "Like Diogenes in the underworld, like Rocky Graziano in high society, like Rip Van Winkle in the 20th Century, Ed Petry is bound to be controversial." The ex-Petry hand went on to explain

that like the mythical Greek Diogenes, Petry is a "stubbornly honest man operating in a world where integrity is not necessarily one of the sacred commandments," like former middleweight boxing champion Rocky Graziano, "he's a basic, strong personality who often slugs when he should pat," and like Mr. Van Winkle, "he sometimes forgets that he's living in the sedentary 60s rather than the roaring 20s."

A third former employe of the company, now a network executive, perhaps summed it up best when he said recently: "With Ed there's no two ways about it. You either like him and are loyal, or else you don't like him and can't work with him. There's no middle ground."

The man who evoked these curious testimonials is, at 65, stocky, blunt-featured and deliberate. Without uttering a word, or twitching an eyelid, he exudes the kind of dominant posture that comes from years of successfully mastering problems, situations and people. The top of his head is bald, but he has fringes of hair on the sides, and a wisp of mustache that draws attention to his stern lips and eyes. He very much looks the part his reputation has always had him playing: the fierce defender of his own principles and protector of his station's rights.

An old associate of Petry's, Campbell Arnoux, chairman of the board of wtar-am-tv Norfolk-Newport News, Va., said when interviewed several weeks ago: "Ed learned to fight young and has been a fighter ever since. He plunges through the middle of the line every time. Nobody is going to do anything to his stations if he can help it."

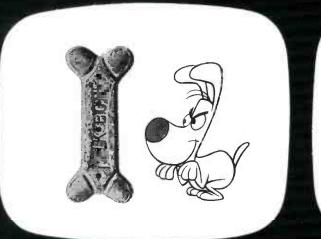
Marty Nierman has some solid explanations for his boss's well-known truculent spirit. "Ed had to fight for everything he's had from the Day One," Nierman explains. "He believes that nothing comes easy. He has tremendous tenacity and never lets go."

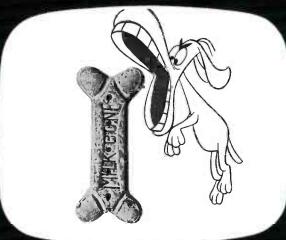
Petry's brand of tenacity and fighting spirit was well exhibited in 1958 when he stood up at an FCC special hearing and boldly defended network practices. The inquiry had been called to hear testimony in connection with the Barrow Report, so-called because it was produced by a special FCC network study staff headed by Roscoe L. Barrow, then dean of the U. of Cincinnati law school. The report recommended putting networks under direct FCC regulation and outlawing option time, among other remedial restrictions.

Although as a salesman of spot time he is in direct competition with network time, Petry's company turned up as a surprise voluntary witness and offered a ringing defense of many network practices. Option time, said Ed Voynow, representing Petry, is an essential ingredient for a strong network lineup, and strong networks breed strong stations. He told the FCC investigators that stations wouldn't be the good buys they are for spot advertisers if option time were abolished, and unequivocally urged that the government leave the networks alone.

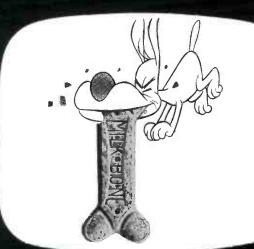
For the beleaguered networks, the good word coming from such an outstanding competitor as Petry produced an effect comparable to the U.S. Cavalry riding to the aid of the Indians. Undoubtedly Petry helped rescue option time from what could have been a nasty ambush.

But by then unorthodox tactics and sticky situations were not unusual for Petry. Back in 1947 he had demonstrated a different side of his ruggedly independent and bellicose





It can't be . . . But it is!





It really is! Yes, it really is!



What a satisfaction a good biscuit is!

ADVERTISER: National Biscuit Company AGENCY: Kenyon & Eckhardt Inc. PRODUCER: Robert Lawrence Animation, Inc.

FILM does the unusual...

Really, it's pretty wonderful when you stop to think . . . a commercial to reach a consumer who hasn't a cent to his name!

"So what!", the experts said. "We'll sell people. Man (Woman, too) is Dog's best-friend, has money, can buy. We'll use animation to show Dog's excitement... as he sniffs... as he downs a Milk-Bone Dog Biscuit. That will get Man...he'll shell out—but quick.

"Of course, animation means film. But that's fine because film will give us commercials the way we want them—and when."

And that's not all. Film assures you the convenience, coverage, and penetration that today's total marketing requires. All reasons why so many advertisers are using film.

For more informatian, write Motion Picture Film Department EASTMAN KODAK COMPANY, Rochester 4, N. Y.

East Coast Division, 342 Madison Avenue, New York 17, N.Y. Midwest Division, 130 East Randolph Drive, Chicago 1, Ill. West Coast Division, 6706 Santa Monica Blvd., Hollywood 38, Calif.

or **W. J. German, Inc.** Agents for the sale and distribution of Eastman Professional Motion Picture Films, Fort Lee, N. J., Chicago, Ill., Hollywood, Calif.

"At the age of 27 I was making \$16,000 a year and had a chauffeur making \$18 a week"

nature. Together with Paul H. Raymer, president of the station rep firm that bears his name, Petry was instrumental in forming the National Association of Radio Station Representatives. Almost immediately after organizing, the association, largely at Petry's urgings, filed complaints with the U.S. Attorney General and FCC against CBS for violating the Sherman Antitrust laws. Specifically, the reps contended that the network had illegally made inroads on their business by taking over the non-network time sales of a number of its affiliated stations formerly represented by members of the association. The complaints came to naught at the time, but they gave graphic evidence of how far Petry will go to protect his business interests. The Petry Company resigned from the rep organization (now simply the Station Representatives Association) in 1951.

There are some station reps who argue that Petry lobbied for a rep organization solely so that he could have another weapon to fight his industry battles and there's little doubt that a national rep association was in keeping with at least one pet Petry conviction. He has always believed that radio and television have been undersold, and that the reps and the networks should do more than they have to promote broadcasting.

"Television is the most powerful means of communication," Petry says, "and it has never used itself enough to tell its own story. Critics always pick out things to hang their hats on. They never tell the good the industry does and the industry itself never promotes itself in strong enough language."

During 1958 and 1959, at the time of the quiz and payola scandals, when public trust in television was at a nadir, Petry placed two ads in four consumer newspapers and several trade publications which won for him the appreciation of the whole industry. The purpose of both advertisements—"Shrimps to Telepathy" and Lincoln's second inaugural address—was aimed at emphasizing to the public the fallibility of people and to assure them that broadcasting was a business of people.

To further heighten the image of television, the Petry company this year prepared a series of full-page and cover ads which illustrate in words and pictures the cultural and educational job that the medium does. This campaign is scheduled to get under way the early part of next year.

A crisis within

But the government, the networks, public apathy and ignorance and the industry's own inertia are not the only problems that have peppered Petry's career. Surely the most critical period of his business life occurred in 1951 when Henry I. Christal, his early associate in the Petry Company, took leave of him after years of open feuding. Christal was not only a partner, a director and a major stockholder in the company, he also was an integral part of its operations. When he left, the firm sputtered and threatened to stop altogether. It's a tribute to Petry's strength of personality and organizational skills that the company recovered and was able to retain its position near the top.

But the whole Petry-Christal conflict has become one of broadcasting's oft-told, if actually little known, stories. It was in human terms a case of the irresistible force running up against the immovable object. It's probably best told in the chronological order of Petry's life.

Edward Petry was born in Brooklyn. N.Y., the fifth child of John Frederic and Katherine Petry, on July 10. 1896. The family lived in Brooklyn's Ridgewood section, a staid residential area consisting of a mostly old-country and first-generation German population living in three-story frame houses. Petry has two sisters still living, one 15 years older and the other five years younger, the older woman in California and the "kid sister" on Long Island.

According to Petry he did not have an "unhappy" child-hood, though there are unmistakable signs that his family had its share of money problems. John Frederic Petry, who died in 1930 when he was in his 70s (his wife died five years later), was a cabinet maker, a trade which, especially at the turn of the century, was not in particular demand.

Ed Petry reveals little about his boyhood. "I don't like to look back in the past," he says with obvious distaste. The reason for his reticence becomes understandable when the bare bones of his early life are laid down side by side.

He quit school after completing the seventh grade. He sold newspapers for a time. He worked in a Brooklyn brass mill as an apprentice. He sold advertising for a Brooklyn weekly called the *Chat*. He labored in "a bunch of other jobs" that are not otherwise explained. He joined the navy during the first World War and spent an 18-month stint as an apprentice seaman shoveling coal and standing inspection.

Petry says he quit school because he wanted to be a baseball player. He claims that at 15 he had tryouts with the New York Yankees and the then New York Giants and Brooklyn Dodgers as a catcher, but was rejected because "I wasn't good enough."

It was the years immediately after school that forged Petry's driving, iron-bound character. Campbell Arnoux says that when Petry is of a mind he likes to talk about "his days as a young boy when he worked in a slaughter house in lower New York. He really had some hard times."

But Petry is not always of a mind to talk about those days and the years just after WWI are pretty much a blank for the biographer in search of facts. Petry prefers to pass them off with a non-committal "Oh, I had several other jobs," and he picks up the detailed steps of his life at the time in 1923 when he joined wgl. New York (now non-existent) as assistant general manager.

"Assistant general manager," he recalls now and allows himself a rare chuckle while remembering the experience. "That meant I did everything including sweeping up at night."

But one of the things Petry did, and must have done well, was to sell time for the station.

"At the age of 27," he says with a note of pride, "I was making \$16,000 a year and had a chauffeur who was making \$18 a week."

While at wgl., Petry helped start the Alfred McCann Hour, which he says was the first participation radio show ever broadcast. (The program, incidentally, with Mr. McCann's family conducting it, is still being carried by wor New York.)

By 1926 NBC had recognized Petry's selling talents and hired him away from wcl.. Later that year he shifted to the Midwest and, along with Frank Mullen, who was later to become the network's executive vice president, Petry opened NBC's first Chicago office. His association with NBC was to have considerable value when he later went into business for himself as a station rep.

While still at NBC Petry became associated with Dr. Royal Samuel Copeland, one of the more colorful characters of the time. Dr. Copeland, a medical doctor who also served as U.S. Senator from New York for more than 15 years, was a health faddist with a zeal for saving people from a lifetime of corpulence and tired blood. Petry, the salesman, and Copeland, the dietary Messiah, soon teamed up. Before long Copeland was conducting a daily food hour from 10-11 a.m. on NBC. It was probably the first network participation show.

An enduring influence

The good doctor seemed such a promising personality that Petry left NBC to become his personal representative. But Petry was a young man in a hurry and in 1928 he joined Addison Vars Inc., a New York advertising agency, as an account executive. In the restless manner of many advertising men he stayed there a year and in 1929 shifted over to the Biow Agency (no longer in existence), where he was account executive on the Bulova Watch account. If it's true that most men reach a crossroads in their careers where one path leads to routine and the other to riches, taking the Biow job was just such a fateful crossing for Ed Petry.

"Milton Biow was the greatest advertising man and greatest salesman I ever met," said Petry recently. "I learned a lot from him."

One of the things he learned was that an account man served only one master—the client. In his case it was Bulova Watch Co. When Petry took over the account, Bulova was spending most of its advertising billings for time signals on about a dozen radio stations. The time signals—"It's 7 p.m., B-U-L-O-V-A, Bulova Watch Time"—were among the first commercial spot announcements in radio history. They were purchased from time brokers who, essentially, bought up radio availabilities and sold them to the highest bidding advertiser.

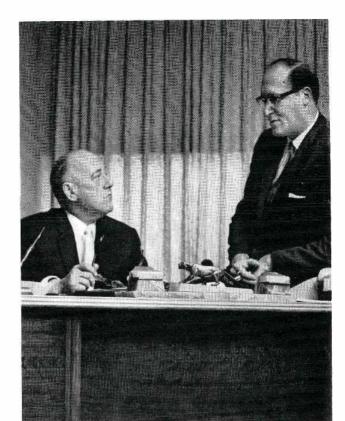
John H. Ballard, who was with the Bulova company for 50 years, 30 years as president, and who now is president and chief executive officer of Gruen Watch Co., recalls that in radio's infancy, "spots were hard to buy. Stations just didn't think along these lines.

"Ed Petry," Ballard adds, "went out and talked to station managers all across the country. He got to know them, became real well acquainted, and as a result got better spots from them at better prices than Bulova could get from time brokers."

The watch company executive also remembers that Petry used to arrange package deals of 20 or more spots at a time for under \$100. He estimated that at one period Bulova, through Ed Petry's efforts, had as many as 500 spots a day playing on as many as 150 stations.

And everywhere Petry went he preached exclusive representation to station managers. He refused to deal with time brokers and damned the confusion over rates.

Many station managers not only listened and agreed, but also urged Petry to practice on a broad scale what he preached. Petry took them seriously. He began lining up stations to represent. To his way of thinking the only stations



Ed Petry in discussion with his top lieutenant, Marty Nierman, executive vice president and third ranking officer.

worth representing were the ones that were newspaperowned and/or big market, powerful outlets.

From the start he modeled his operation on lines comparable to newspaper reps. He always gave paramount attention to station ownership and programming content. He didn't sign stations solely for the sake of gaining business. He chose carefully and wisely, and when he opened up shop in 1932 he was the exclusive national rep of 13 of the best radio stations in the country.

They were: wsb Atlanta, wfaa Dallas, kprc Houston, wdaf Kansas City, whas Louisville, wtmj Milwaukee, wsm Nashville, wsmb New Orleans, wtar Norfolk, kvoo Tulsa, kfh Wichita, wfbm Indianapolis and ksd St. Louis. An analysis of the stations shows just how judiciously Petry had chosen. Six of the stations—wsb, kprc, wtmj, ksd, wdaf and whas—were newspaper-owned; five—wsb, wfaa, kvoo, wsm and whas—were 25 kw or greater stations, and 10 of the stations were NBC affiliates, which was then by far the dominant network.

In the beginning, the Petry company consisted of seven people. Petry, Christal and Mrs. Christal were in the New York office; Ed Voynow, a salesman—George Kercher, who later headed the St. Louis office—and an office worker made up the Chicago staff, and there was one salesman in San Francisco.

Christal—who formerly worked as a space salesman for Conde Nast Publications, was subsequently advertising director of the *Detroit Times*, and then sold time for Scott Howe Bowen, a New York time broker—subsequently became Petry's partner when the Petry company's corporate machinery was set up in 1933. Christal was given 44%

"Petry never lacked the ability to ask for an order . . . an unbelievably good salesman"

ownership of the firm, Petry had 51% of the ruling stock and Voynow, who was originally just an employe, was given 5%. Christal was secretary-treasurer, Petry was president. Christal later said there was an oral agreement that, although Petry was the majority stockholder, each would have equal control of the company. When Voynow was made a stockholder, it was agreed by Christal and Petry that the profits of the company would be split equally among the three of them.

Some 15 years later, however, Voynow was to testify in the Appellate Division of N.Y. Supreme Court that while he was becoming a one-third partner in the earnings of the company, Petry told him, "You are not going to be a one-third partner in the control of the company, because I have a 51% control of it and I won't give up any of mine."

Under these less-than-harmonious ground rules, the Petry company set out to secure a business, stabilize an industry and make money. From the first Petry and Christal slipped into the roles that suited them best. Christal was the time salesman who worked with advertisers and their agencies. Petry was the station man. He toured the country constantly, making station solicitations and handling station relations. In the first year he added 12 new stations.

But despite this additional business, for the first 15 months or so, the Petry company did not make money. "It wasn't easy selling time in the middle of the depression," Petry recollects.

By the spring of 1934, however, with 34 stations on its list, the company was doing well enough to arrange a meeting at the Medinah Athletic Club, Chicago, for its salesmen and for the managers of the stations it represented. The rep firm not only paid for the meeting hall and refreshments, but also absorbed the expenses of the 40 men who attended. A look at the growth of the Petry radio station list through the next 14 years gives some idea how the company developed and prospered.

In 1936 the company represented 36 stations, adding four stations by 1939, and reaching a peak of 41 stations in 1948. At one time the annual combined spot billings of the Petry-represented stations were said to be almost equal to the combined yearly billings of CBS and NBC.

Year by year the spot representation business began to catch on. Other reps stampeded into the field. William G. Rambeau, Paul H. Raymer, Greig, Blair & Spight (now

HALF MILLION COLOR TV SETS IN 50 MAJOR MARKETS ALONE

A Television Age Color-set count through distributors, wholesalers, and colorcasting stations shows 547,320 Color receivers in 50 major markets alone. The big breakthrough in Color TV is here. Are you with it? Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, New York 20, N. Y., Tel: CO 5-5900

John Blair & Co.) and Free & Sleininger (later Free & Peters, now Peters, Griffin, Woodward), were among the leaders. But by hiring good people, by hard, aggressive selling, by keeping the loyalty of the stations it originally lined up, the Petry company held its own.

Another Petry employe, who says he does not look back altogether unfavorably at his years spent with the firm, comments this way about Ed Petry's share in the company's success: "You really have to give it to him. He got the rep field organized. Right away he lined up most of the 50 kw stations—the only ones really making money. In those days he sometimes signed up stations by inviting the station manager to New York and giving him a ball. It was a very personal type of salesmanship."

Marty Nierman claims that Petry never hesitated to do any kind of selling in the early days. "He never lacked the ability to ask for an order," the Petry vice president contends. "He's an unbelievably good salesman."

Campbell Arnoux is another who voices his respect for Petry's selling abilities.

"If General Motors would pull some business," Mr. Arnoux recounts, "Ed would go right in and see the president personally and lay it on the line. He'd ask for reasons. He must be a good salesman because a lot of good stations have stuck with him for a long time."

John Ballard feels that Ed Petry "can sell you the Brooklyn Bridge if he has a mind to." He emphasizes that Petry is a "strong-minded man," and consequently "when he decides to do something, the whole place can burn down but he does it." Mr. Ballard says that when Petry wanted to sell him something, "he would call me night and day until I gave in."

Trouble in the '40s

But despite Petry's and Christal's widely-acknowledged skills as organizers and salesmen, the station rep firm began to bounce in choppy waters by the middle of the 40s.

An employe of the company for more than 20 years said last month that working in Petry's New York office was a harrowing experience. "I really don't know how the company ever succeeded," he said, partially to himself, and then, "Maybe it succeeded despite Mr. Petry."

By way of explanation he added, "How could an organization function properly when its two principal stockholders constantly shouted at one another across a desk and through the hallways? It was disrupting, to put it mildly. The problem was that Petry and Christal were two different personalities. They're both tough, but Christal is smoother. Petry, however, is a unique personality. He's cantankerous and opinionated, but I guess in the end he carried the company to success on his own strength."

Ultimately the personality conflict between Petry and Christal led to an insoluble rift. Today, Petry refuses to discuss the controversy other than to repeat a statement he's made before: "I can only say that I'm sorry it happened. I regret that we parted. I like Hank and I'm friendly with him to this day."

From all accounts the situation simmered to a boil in 1946. At the time the company had four directors—two Petry

aligned, two Christal aligned. This setup assured equal company control for the warring majority stockholders. But recurring differences as to how the firm should be run caused Petry to attempt, with the aid of his majority stock, to vote an increase in the number of company directors from four to five. He hoped in this way to break the debilitating equal control deadlock with Christal.

A war in the courts

But Christal challenged the move and the question of its legality was tried in the courts. Then began a legal seesaw that saw first Christal and then Petry gaining judicial approval of their positions. Finally, in May 1950, the New York State Court of Appeals, in a decision unanimously reached by seven judges, upheld an earlier ruling by the Appellate Division of the New York Supreme Court in dismissing with costs the suit of Christal to restrain Petry from upsetting the two directors' balance on the company's board. Since the action was based on New York State law and since the Court of Appeals, the highest court in the state, had already made its ruling, Christal could make no further appeal and he left the company about a year later.

Christal, who was then still a stockholder in the Petry company, went into business for himself as a station rep, opening an office on January 1, 1952. The first station he signed was wdaf Kansas City, a charter Petry station. By 1953, Christal had eight radio outlets on his station list, all former prize Petry clients. There is no doubt that Christal, who spent years working closely with the Petry stations' sales staffs, commanded considerable loyalty when he went out on his own. Currently, Christal, who remained strictly a radio rep, heads the Henry I. Christal Co. and has seven offices across the nation. He sold his stock in the Petry organization back to the company several years ago.

To add to the Petry company's woes in the early 50s, television was just beginning to cut appreciably into radio sales. It was becoming apparent to all that the ravenous, all-pervading electronic eye was the look of things to come, and Ed Petry, a born and bred radio man, had to do some serious mental reshuffling.

Although the Petry company had acknowledged television as far back as 1947 by setting up a separate division, it was just token recognition. For a time it was just a one-man department run by Lloyd George Venard, a sunny man with courtly manners who now is president of Venard, Rintoul & McConnell, a competing station rep firm. The first Petry TV station—wtmj-tv Milwaukee—was signed in December 1947 and only two more stations were added the next year. By 1952 the company's radio clients still far outnumbered its TV stations, 31 to 11.

Jack Harris, vice president and general manager of KPRC-AM-TV Houston, relates a story that vividly illustrates the kind of difficulties that Petry was having at that time and how he reacted to adversity.

"It was about the time that Petry had undergone internal strife with Henry Christal," Harris remembers, "and had lost some stations. We were going into TV and we got together with wfaa Dallas and woal San Antonio, which also were going into TV. We were all represented in radio by Petry, but we decided to listen to TV pitches from other reps. All of them offered us all sorts of concessions, literally telling us to write our own deals because it was important for them to get three key Texas stations in one swoop."

Harris says that the Texas stations finally invited Petry to make his presentation. "We met in Dallas," he continues,



"and Petry and Voynow flew in to make their presentation. After Petry offered us his contract, which was the standard one he offers all stations, we argued that the other reps wanted to give us all sorts of concessions. To every one of our arguments Petry said, 'No, no concessions.' He told us that this was his contract and we'd have to go with it. 'No favoritism,' he said. 'One deal up and down the line.'

"Well after that we asked him to leave the room," Harris recalls, "and we discussed the situation among ourselves. We decided that this was the way Petry always operated and we'd stick with him. Afterwards, when I was shaking his hand in congratulations, I said, 'Ed, I have to admire you. I know how much getting these three contracts must have meant and still you wouldn't back down on your principles.' He said, 'Jack, you don't know the half of it. Coming down on the plane I told Voynow that if we don't get these three Texas stations we close up shop.'"

But Petry didn't have to close his shop. Using the same basic tactics that made him so successful a radio rep, he began a television campaign that revitalized the company. He signed only "quality" TV stations with progressive and enlightened ownerships. He hired top-notch people steeped in TV experience. He encouraged the development of a strong promotion staff. Under the guidance of Robert L. Hutton Jr., vice president, TV promotion, the Petry promotion department has become one of the most valued service extras that the rep offers its stations.

By 1955 the Petry company, for the first time, had more

"There's no doubt that he's a maverick, a stormy petrel and a strong character"

TV than radio clients—24-21—on its station lists, and four years later reached its peak number of TV stations—34.

The company has since resigned five stations of medium market size and upgraded its list with stations in Buffalo, Rochester, Kansas City and New York. This year the station rep lost wpst-tv Miami, after that station's license revocation, but added wvue New Orleans.

And apparently the current Petry stations are satisfied that they are receiving ample "justice." Nine of his radio and 10 of his TV stations have never had another rep.

For two years, the Petry company had a 36.36% interest in Marietta Broadcasting Inc., owner of KFMB-AM-TV San Diego and KERO-TV Bakersfield, both California. The remaining 63.64% interest in the broadcasting company was held by Jack Wrather, TV and motion picture producer. In 1959, Mr. Wrather and the Petry company combined their station interests with that of Transcontinent Television Corp., in what was said to be one of the largest transactions of its kind in broadcasting history. Transcontinent owned five VHF, one UHF and three radio stations. The combined value of the merged properties was estimated to be in the neighborhood of \$30 million. The Petry company holds roughly 13% under the merger, which remained under Transcontinent operation. Today Transcontinent includes three AMs, three FMs, five TVs.

Integrity, no razzle dazzle

Jack Harris believes the best thing about the Petry organization is that it "hires good people who know what the business is about." The company has "integrity," he adds, and it "counsels a station on the proper rates to set without employing razzle dazzle techniques."

Mike Shapiro, general manager of wfaa-am-tv Dallas, is another Petry company booster.

"Completeness of service and integrity" in his opinion are the factors that make the company a good rep. "I never heard of Petry wheeling or dealing for a sale," Shapiro says. "He always has the best interest of the station at heart."

According to Marcus Bartlett, general manager of wsb-TV Atlanta, the company is successful "because it is able to keep up with the trends of the time." Mr. Bartlett says he feels the company "is part of the family—you can be open with them and discuss things frankly and arrive at some decent conclusions."

Almost everyone-friend and foe alike-is agreed on at

DAYTIME COLOR TELECASTS ALMOST TRIPLED

Daytime Color programming has mushroomed from 306 hours in 1959 to 815 in 1961. No wonder the big switch is to Color TV. Are you with it? Get the full Color picture today from: W. E. Boss, Director, Color Television Coordination, RCA, 30 Rockefeller Plaza, New York 20, N. Y., Tel: CO 5-5900

least one point: the Petry company—good or bad—is a direct reflection of Edward Petry.

"There's no doubt that he's a maverick, a stormy petrel and a strong character," says Ernest Lee Jahncke, NBC's vice president and director of standards and practices, who was an assistant to Petry in the TV department for 17 months a few years ago, "but underneath there's tremendous integrity and loyalty and that is duplicated in the company."

Stanley E. Hubbard, president and general manager of KSTP-AM-TV St. Paul-Minneapolis, veteran Petry stations, says that "Ed Petry is a strictly high-class man" and that he "runs a strictly top-notch, honest outfit." Hubbard points out that the company functions well because Petry has experience in all phases of the business.

One admitted "non-admirer" of Petry conceded that if "the company is successful, and I guess it is, you've got to give the old man credit. He's the blood and guts of the operation."

The erstwhile station rep worker also pointed out a favorite Petry tactic.

"Ed Petry," he says, "is a good 'no' man. Your biggest job at the company was not the thing you were assigned to do, but selling Petry on what you knew ought to be done. He would consistently say no. Some of the ideas you had were good and some bad, but in order to put them over you practically had to prove them out, and in that way Petry always managed to get the cream of people's efforts."

Stanley Hubbard also has a story he likes to tell, good-humoredly, about a one-time Petry maneuver.

"Ed always liked to pit one station manager or owner against another," Hubbard recounts. "He once said that Walter Damm (formerly vice president and general manager of wtmj Milwaukee, now retired) was the smartest operator of us all. It was just to needle us and provide some competition. A little while after he made the remark. Damm canceled out and Petry never used that particular tactic again."

Petry is known to be extravagantly generous. Bob Hutton says that his boss is a "big man—there's nothing petty about him." Hutton claims that Petry always helps people out when they're in trouble, and offers an impressive illustration.

"He had a woman working for him for about 25 years," Hutton says. "She got sick last year and was out for a while. When she came back, Mr. Petry was worried about her, so he retired her on full pay."

Marty Nierman can submit similar stories. He also points out that all the Petry employes who served in the armed forces during World War II got full pay from the company for the full term of their service.

Ed Petry, the subject of all this controversy, is said to have mellowed in the last few years. He admits that he's now "semi-retired," and quips, "I think I've done my apprenticeship." Petry believes that he has a good executive staff. "highly organized with great depth to it." He claims they make their own decisions, and "if they're right 51 out of 100 times, I consider them geniuses."

For the last 12 years Petry has lived in Spring Lake, a small coastal resort town in New Jersey about a two-hour

train trip away from Times Square. He and his wife, the former Elizabeth Kehoe of New York, occupy a 12-room colonial style house. Of his wife, to whom he's been married for 38 years, he says, "She's still my boss."

The Petrys have two children, married daughters. Carol. 30, has two sons, 5 and 6, while Barbara, 25, is the mother of an 18-month-old boy.

Petry calls his grandchildren his favorite hobby and also says he likes to garden. When pressed, he will admit that he "sometimes likes to play cards with my friends." People who have seen him in action, however, claim he's more than a casual poker player. They use such terms as "masterful" and "sharp" to describe his talents.

Yet if Petry does play cards often, he must do it in private, because he shuns clubs. "I'm just not a joiner," he says in simple explanation. The Home Owners Association of Spring Lake, a civic group which he organized, is one of the few organizations that can claim his membership.

Another of the few is the Broadcast Pioneers. Last May Petry received an award from that organization at its anmual banquet in Washington. Some 900 broadcasters and public officials were there when he was presented with a scroll reading:

"To Edward Petry, a true pioneer in exclusive station representation, who has been a leader in the development and utilization of research as a strong arm of sales and service in the broadcasting field. He has been a forceful exponent of sound economic practices as being essential to broadcasting's fulfillment of its obligations and opportunities under the American free enterprise system."

It was the first time the Pioneers had recognized accomplishments of a man on the commercial side of the industry.

By his own account, Ed Petry's philosophy of life can be summed up in one sentence: "A man's word is his most prized possession."

He also believes strongly in the future of the broadcasting media. "The worst thing that can ever happen to broadcasting," he thinks, "is government ownership." But then he hastens to add this opinion: "Nothing can destroy radio or TV."

Two men who have been associated with Petry for many years, but from a distance where they can view him objectively, offer perhaps the most incisive appraisals of his complicated and paradoxical personality.

Marcus Bartlett in Atlanta feels that Petry's toughness and strong will have helped him to maintain his high standards without compromise. But, he explains, "the toughness is just an exterior. Underneath he has a great heart."

And in Houston, Jack Harris sums up Edward Petry this way:

"Ed Petry has guts and you can believe in him. He wears well."

BALLAD ON THE EVILS OF TELEVISION

T

Everyone knows it's proper to scorn The fruits of the video screen:

The "dullness," the "violence," the "piffle," the "corn,"

The things that are "shameful" and "mean."

The western, we're told, is a national disgrace.

We ought to say nay to the horse. And if we are asked what to put in his

The answer is, Shakespeare, of course.

The magazines teach us which programs to shun.

They lead in this cultural way. Just look what the magazine, *Playboy*, has done

For Edna St. Vincent Millay!

REFRAIN

For Edna St. Vincent Millay, my lads! For Plato and Thomas Carlyle! For all that is noble and right, my

For all that is deep and worthwhile!

 Π

Everyone knows to rescue TV
We must all be impeccably schooled
By Lippmann and Minow and Congressman "C,"

By Crosby and Collins and Gould.

Lippmann would give us a government net

That's modeled on Dartmouth or Yale.

It might add a bit to the national debt, But think of the heights it could scale!

Think how we'd elevate audience

In places like Attu and Guam. Contrived entertainment would soon

Contrived entertainment would soon be replaced

By W. Somerset Maugham!

REFRAIN

HARRICON DE LA PROPERTA DE LA PROPERTA DE LA PORTA DE LA PORTA

By W. Somerset Maugham, my lads! By W. Somerset Maugham! By all that is noble and right, my lads!

By God and the 23rd Psalm!

III

Nothing's more wicked than video is: Nothing's more callow or trite.

The critics hark back to the infamous quiz;

They write and they write and they

They write of the shows that are boring to them,

The shows that are less than sublime: And needless to say, they are quick to condemn

The programs that "glorify crime."

Their song of dispraise is a bellicose hint.

A constant and critical shout!

Yet even with all of this guidance in print,

Antennas continue to sprout!

REFRAIN

Antennas continue to sprout, my lads!
Antennas continue to sprout!
Is this what enrages the Gutenberg
boys?

Antennas continue to sprout!

BRUCE ANDERSON WMT-TV Gedar Rapids

Two basic reasons for foreign quotas on U.S. TV programs: economics and nationalism

MPEA members do roughly 25% of their business in feature film, the rest in programs.) And to Fineshriber's way of thinking, the biggest problem facing U.S. TV programs overseas is local nationalism.

"Agitation for quotas and limitation on TV import," says Fineshriber, "takes two forms in the emerging television nation. One is the basic economic form: unions argue against U.S. product in a mistaken attempt to provide jobs for local talent and technicians. Our counter argument is that they need U.S. product to speed up set growth and audience. You are hurting yourselves, we say. Why settle for a million viewers when you can possibly get six million—and higher salaries for yourselves in the long run?

"The second obstacle, and a more difficult one to overcome, is pride in native culture [vs. the inroads of a foreign culture]. A law in Argentina currently will have all dubbing on foreign programs done in Argentina. The premise is that present dubbing, a kind of theatrical-neutral Spanish done in Mexico or Puerto Rico, is corrupting the speech of Argentine youth. It apparently doesn't matter that Argentina currently has no dubbing facilities itself. It's pass the law first and work toward observance."

The problem of nationalism is indeed troublesome. To overcome it, Fineshriber cites a hard but real goal, more real as foreign nations come to depend upon U.S. product less, if they ever do. "We must arrive at a product that will appeal to all countries. We must understand the taste of these nations and try to keep out of programming elements that are unpopular abroad, and yet keep our integrity in the doing."

U.S. television may never take out of the foreign market dollars exceeding its domestic gross. The U.S. motion picture industry, however, does—55% of its gross comes on the sale of features overseas. But again, as with the rise of television in the U.S., Hollywood stands to be hurt on the world market. As television grows abroad it is certain to cut into the motion picture take.

To Fineshriber, the motion picture and telefilm overseas have certain similarities, certain dissimilarities. Their physical problems are much the same. They run into censorship, customs, tax and a certain amount of government control. The tastes of foreigners, as measured by box office on a motion picture, are a clue to what certain kinds of TV fare will do.

But they are different, according to Fineshriber, in that "no foreign country can successfully get along in its motion pictures without Hollywood product. No country can make a 'Ben Hur' with a \$15 million budget. Hollywood is still needed.

"But this is far less true of television. There are no box office returns to worry about. Governments, more in control of television than movies, can use their own native product. They can hold down the broadcasting day to three or four hours, control the quality and quantity of output."

The rules change

But fortunately for world television, and for the U.S. part in it, government TV monopolies are weakening, commercial demand is growing stronger. "When a country goes commercial," says Fineshriber, "playing rules change. There is the impetus to make money and dollars are the hypo to lengthened schedules. With commercial systems, Australia and Japan now have 12-hour broadcasting days."

And Fineshriber also points out that government TV systems themselves have taken commercial twists, most of them strange to U.S. television and U.S. sponsors.

(German state television, for instance, allows commercial periods only before and after programs. RAI, the Italian government network, provides two periods a day of ten minutes each for commercials. Each commercial must be of two-and-a-half minutes duration—two minutes allowed for pure entertainment, the last 30 seconds for the sponsor's sell. The commercial periods are sold out a year in advance.)

While many Ú.S. TV program distributors quarrel with the prices their product draws in many nations, and claim that their biggest problem is getting higher prices, representatives of foreign stations can register complaints the other way. Says one: "In Manila the price range on a U.S. half-hour is anywhere from \$150 to \$250. Manila has 35,000 TV sets. At the high end of the scale this figures out to a sizable c-p-m. Who's getting the better of whom?"

Another foreign station representative points out that the overseas station pays more for its U.S. film than is apparent over and above the cost of the program itself. "It pays for dubbing [if needed] when the show is not pre-dubbed, shipping, customs and duty. This can amount to \$100 on up."

The company most successful in program sale overseas, and at it longest of the majors (1954), is Screen Gems. It now has about 50 shows playing in the same number of countries, grossed \$8 million

in overseas sales last year, expects to do "substantially better" this year.

Screen Gems also sells feature film overseas but it does roughly 80% of its international business in programs. (According to one industry source, feature film for TV overseas is a "tricky" area. Overseas exhibitors, it is said, have organized to "buy up" feature film to prevent its going on TV, thus protecting theatrical box office. Canada, Australia and Mexico are the top feature film markets in a growing but far from U.S. "late show" pattern.)

Lloyd Burns, vice president in charge of international operations at Screen Gems, is bullish about America's overseas TV program future. Pressed to predict how big the overseas pot can grow, he envisions a \$100 million yearly gross within the next seven years—roughly a dollar on each TV receiver overseas if set potential is fulfilled.

And Burns recognizes a trend and a value in U.S. TV production abroad, "a way to satisfy the needs of a customer nation, a way to go along with nationalism and economics."

Screen Gems is currently producing or has planned four TV series in Canada. The Canadian pattern, development of formats for production of series in all of the major television outlets of the world, is the eventual goal. The company is now looking for production opportunities in Japan, Australia and Latin America.

Burns sees overseas production in two forms. Production in a foreign country for that country's own use with no thought to U.S. or international run. Or, production with an eye toward international use. (As movie men have found, foreign production, utilizing native labor, can be done far more cheaply than it can comparably be done in the United States.)

When U.S. program men are asked about the reverse of their export—the import of foreign shows for U.S. use—they agree that a two-way street certainly exists. "The amount of program import has been small in the U.S.," says one U.S. program official, "not because we put restrictions on foreign product coming in—we don't—but because its public acceptance is doubtful. We just do better stuff ourselves."

A certain amount of foreign product has had success in the U.S. The British-produced *Third Man* series has had successful U.S. syndication. Shakespeare via the Esso Standard *Age of Kings* dramas has had a chance. Independent Television Corp., a subsidiary of Britain's Associated TV, made a sale to CBS-TV on its *Danger Man* series. And various for-

eign-made child-appeal shows are in U.S. syndication.

ITC itself is unique, a British operation selling in the U.S. as well as the rest of the world. Its strength is that it draws on world syndication, can work without network sales. ITC properties, made in England, get a much larger play in the Commonwealth markets and draw the top dollars. Its Danger Man, prior to its sale on CBS-TV, already had been sold abroad in some 40 markets. And for a British-produced series, there are additional sums of money, as high as \$5,000 per half-hour in the tough quota market of the United Kingdom.

ITC also draws on talent and facilities around the world for its programming. The economics and the flexibility are obvious. A series of 13 one-hour specials starring Jo Stafford, and featuring guest stars, was produced in England last summer, is now up for world sale.

It would be hard to estimate just how many U.S. television programs are now showing overseas, but almost every filmed series of recent vintage is trying to move. MGM-TV, fairly new to even network production, has almost its entire output in overseas sales. This includes Asphalt Jungle, The Islanders, National Velvet and a current CBS-TV show, Father of the Bride. Its Dr. Kildare series is selling via NBC International.

Last month Desilu Productions formed a subsidiary, Desilu Sales Inc., to handle international distribution of \$30 million worth of the company's inventory including *The Untouchables, Guestward Ho* and 14 *Lucille Ball-Desi Arnaz Shows*. Foreign TV stations now have a choice of more than 60 hours of programs to pick from, and the total is growing.

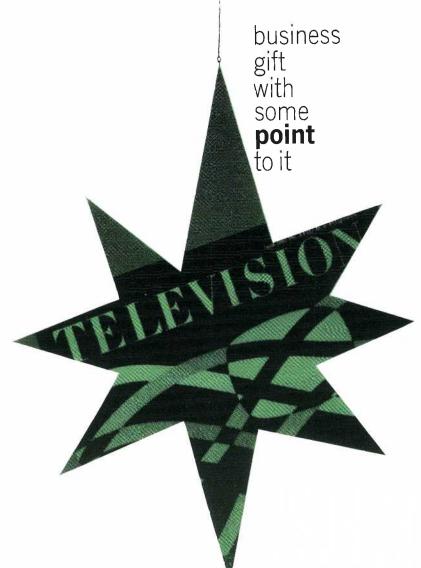
What sells best, where

What sells best and where is a topic for wide discussion. Latin America and Japan are said to favor action-adventure, the United Kingdom and Europe, westerns and comedy. Australia and Canada most closely parallel U.S. tastes.

Says John McCarthy of TPEA, reflecting the opinion of most U.S. program distributors: "The overseas market wants from the U.S. what they cannot do themselves. Television is an intimate experience. Even without quotas, overseas locals will want more and more of their own material."

Presently, with the exception of Great Britain, most TV nations cannot program broadly for themselves. Their initial strength is in shows of a national character—music, drama, local culture generally. For the U.S. kind of product, there is a ripe market, and hopefully for U.S. distributors, one that lasts a long time.

One U.S. entrenchment, or endeavor, is less open, more delicate, and of un-



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known durability: the investments and activities of major U.S. broadcasting organizations overseas. CBS, NBC and ABC all have a hand in foreign television.

It has been only natural for foreign TV stations and operations to turn to an experienced U.S. for television advice and, sometimes, financial assistance. It was inevitable that the networks would help in the world venture. There is the intangible of international good-will, the promise of profit, the nebulous dream of getting in on "international television," a dream facilitated by the very real plan of communication satellites circuiting the globe and relaying television signals from nation to nation. Leonard Goldenson, president of American Broadcasting-

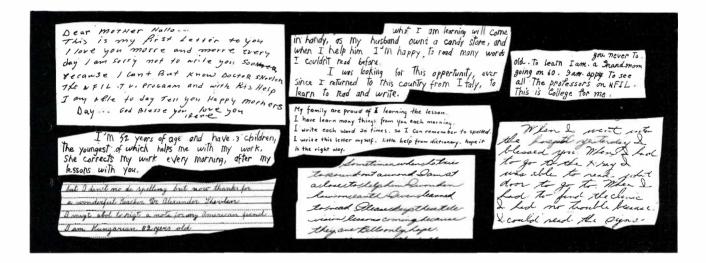
Paramount Theatres, sees international television five years away. Experiments will be conducted before that, but an actual system has no target date.

ABC International, headed by Donald W. Coyle, has been most vocal and perhaps most active in the international area, especially in Central and South America. But its investments and scale of activity may be no greater than its competitors'. ABC has the greatest number of investments in foreign stations, 23 (in 13 countries), but some are not operational, only planned. Its rivals have gone after more meaty, existing opportunities.

For the foreign stations affiliated with it, ABC International offers what it calls a "world-wide service contract." Coyle explains it as a three-pronged service offering (1) program buying from all sources, (2) sales representation selling any local time the stations do not and (3) a right to option time and certain preemption rights.

The ABC International division, formed in 1959, makes it a policy not to acquire major holdings in its foreign affiliates. It has minority interests in a Central American television network, News Limited of Australia, two stations in Japan, several in South America, a proposed network in Lebanon, an assistance agreemen with a Philippines broadcasting system.

Coyle, while watching for opportunities in Europe, says the ABC accent has been on Central and South America for



BY THE DAWN'S EARLY LIGHT

Because of a generous station, a dedicated teacher, an interested community and the magic that is television, 6,587 people have taken the first steps to literacy. The station, wfil-Tv; the teacher, Dr. Alexander Shevlin; the community, Philadelphia, and the program that was a classroom, Operation Alphabet.

Operation Alphabet was a series of 100 half-hour television programs on wfilt-tv from January 30 to June 16 this year. They were aimed at providing approximately a fourth-grade reading level for Philadelphia's functional illiterates. (Estimates based on census figures, vot-

ing lists and informal church surveys indicated that in the Philadelphia-Delaware Valley area there were 200,000 people classified as illiterates.)

Mrs. Loretta Warlow, a Main Line matron much interested in the problem of illiteracy, started the effort when she enlisted the support of the Greater Philadelphia Council of Churches in a campaign to combat illiteracy in their city. Together they contacted the Junior Chamber of Commerce, which provided the overall co-ordination and planning of the project that was to become *Operation Alphabet*. Television was to be the

keystone of the program, with WFIL-TV volunteering its facilities. In addition, volunteer centers were established to assist students in their lessons and to provide workbooks (at \$3.50 each) for students who couldn't afford to buy them. (The count of 6,587 people helped by Operation Alphabet was taken only from those participating in the workbook phase of the program.)

"The cooperation we got from wfiltry," relates Dr. Shevlin, "was stunning. They gave us everything and anything we wanted." The station provided the time for the program, all of the techni-

two reasons. "In Latin America," he says, "television is being allowed to be born largely as in the U.S., under a private enterprise system. Better relationships are here possible. In Europe, with so much government control, this is not the case. Secondly, Latin America is in proximity to the U.S. in time zones. In future communication systems advances, this will allow for instantaneous transmission."

(Most TV communications men agree that the first practicality for satellite-beamed television will be news pickups, quick takes more suited for news formats than entertainment shows. Foreign entertainment programs, if the U.S. takes them, bring up the problem of language and line count conversion if the foreign nation is on a different standard than the U.S.'s 525 lines. This leads many TV men to believe that international television comes down to straight program

exchange and physical doctoring, not instantaneous transmission.)

Coyle likes to call the goal of ABC International "the building of a platform for ABC television partnership all over the world." In this he sees ABC and its foreign interests "tied together" with both strengthened in an exchange of talent, programming, scientific development and news gathering forces.

But Coyle is also puzzled on how far ABC or any U.S. broadcast organization can adjust to the complexities of foreign involvement. "We have learned," he says, "how to operate television successfully in the U.S. and in our economy. Overseas dealings call for modified approaches. But how far should you modify and adjust? What will the overseas selling patterns for commercial television be? How far can you go?"

ABC International today operates in

the red. Coyle, of course, sees eventual profit. He feels that ABC is taking a long-range view overseas, pioneering in a yet little-known international medium, one he hopes will become ripe for advertising dollars. And he also hopes that U.S. advertisers marketing overseas, or planning to, can harness the medium for overseas selling, along with foreign advertisers and agencies, following the commercial pattern defined in the U.S.

NBC has been in Iull-time international operation since 1957, longest of the three U.S. television networks. NBC International (NBI) has long-term relationships of varying kinds with TV broadcasters in nine countries, is consultant under its management services program to broadcasters in 11 countries, has about 60 TV programs selling in more than 50 nations.

Richard L. Berman, manager of inter-



Dr. Alexander Shevlin conducts a lesson for Operation Alphabet's "new readers."

cians and all of the facilities for the series. A crew of two cameramen, a stage manager, a director and four engineers was required for the taped segments.

Since most of the people who needed Operation Alphabet worked during the day, it was decided that early morning was the best time to reach them. WFIL-TV cleared a viewing time of from 6:30 to 7:00 a.m., starting its programming day a half-hour earlier than usual, Monday through Friday. Production costs to WFIL-TV were minimal in that the programs were taped at hours its facilities were not in use for other purposes. Expenses to the Board of Education were \$1 per segment (for a newsprint pad and a felt pen, the show's only props).

Despite an elaborate publicity campaign involving virtually every civic group in the community and the finest facilities available, the volunteer work centers had a low attendance record. The illiterate preferred the sanctuary of his own home.

"The illiterate person," Dr. Shevlin explains, "is not stupid. He is uneducated. There are many different reasons for his lack of education. I have letters

from some of the wealthiest areas of the city as well as from the slums, an indication of how different their economic backgrounds can be. Yet despite their differences they all share one character trait. They are highly sensitive about not being able to read and write."

Television then was the perfect medium for teaching these people. It offered the "new reader" the opportunity to be taught in private. It created a non-interfered-with world of student and teacher. As one grateful student expressed it in a letter to Dr. Shevlin, "I feel that I am alone with you."

The lessons were planned so that the material was related directly to the lives of the people living in Philadelphia. They called attention to things of interest to the local population—concerts, flower shows, art exhibits. The first words of Dr. Shevlin's first lesson were "bus stop." Everything was designed to involve the viewer personally.

An atmosphere of relaxation

The shows were taped several at a time. They were done without rehearsal: mistakes were deliberately left in. Dr. Shevlin felt this established a relaxed atmosphere for the program. In addition to doing the program itself, he corrected homework assignments and managed to send personal notes of encouragement or to telephone all of the students who wrote in to him. The letters came at the rate of 100 a week.

"I have a special interest in teaching new readers," Dr. Shevlin explains. "My parents came to this country in 1905 to escape the pogroms in Russia. Now I, the son of immigrants, am teaching English to immigrants. I feel the cycle has come full turn.

"When I took the Operation Alphabet assignment," he continues, "I considered it routine. Then the letters started coming in—thousands of them from all kinds of people. People that needed the help that we were giving them. They thanked me, but I am grateful to them. They have made me feel that my life has meant something."

The program, off the air since June. has been rescheduled for another cycle beginning January 29, 1962. The Annenberg Foundation has provided a grant of \$40,000 to cover the cost of putting the 100 new 30-minute segments on video tape for round-the-world distribution. Two foreign governments have asked Dr. Shevlin to conduct similar programs in their countries. The Army has expressed interest in the teaching technique used on the program and wants to use it for training its illiterates. And although the Board of Education says it can prove no necessary correlation between the two, it notes that the registration for adult evening classes has been higher this year than ever before in its history.

But perhaps the greatest measure of Operation Alphabet's success comes in the thousands of letters it inspired—letters from native-American illiterates, adult foreigners, elderly people, people suffering from emotional blocks connected with learning to read and write, persons who are physically handicapped—even prison inmates. All different and yet all expressing the same gratitude. Letters that were for the senders the first they had ever written.

"We must be pretty damn sure we're helping foreign TV stations, not milking them"

national facilities for NBI, says his organization does internationally what NBC does domestically. It is in programming, investment and management, "the sale of know-how."

"It is not our object to take over"

Berman calls NBI "profitable from the start." He calls NBC's involvement overseas partly for profit "but more for a long-range feeling that someday television could become an international medium and we want to lay the groundwork for our part in it."

Berman feels that nationalism and labor unions overseas are troublesome for the U.S. broadcast interests. On NBI's part, he says, it has to be gotten across to the overseas groups "that it is not our object to 'take over.' We have the junior partner intention of having local personnel run the operation. But they must first be trained for it."

As an example of this, Berman cites one NBI management service program now underway in Nigeria. Under an agreement signed with the Nigerian government last September, NBI has sent 16 executives and technicians to Nigeria to help it establish a federal television service sometime in 1962. "As managing agent," says Berman, "we provide the initial technical, programming, sales and administrative people to start the operation and then train Nigerians to take over. The object is to put ourselves out of business as fast as possible."

Looking long-range, Berman sees no dearth of prospects and possibilities for TV investment overseas. But he adds, "no one expects U.S.-type profit to come from them."

Berman's biggest problem: "Recruit-

ing qualified personnel to take on overseas assignments. It's tough finding people willing to go out on these longterm consultation and aid jobs."

CBS began looking for opportunities overseas in 1958. It is represented via the international activities of the CBS-TV Stations Division and CBS Films (with 65 programs in roughly 55 countries). CBS-Columbia S.A. is a holding company for four CBS film and production companies ranging from Europe to Australia.

CBS also is associated with local interests in television production companies in Argentina and Peru, has a mutual exchange agreement with RAI in Italy and an agreement with a West German group which will operate that nation's second TV network. Last month CBS obtained an interest in a TV station to be constructed in Trinidad and negotiations are underway for possible CBS equity participation in TV stations in several other countries.

Merle Jones, president of the Stations Division, who devotes about 25% of his time to CBS's international broadcast business, says CBS is in foreign television to make money and to encourage the expansion of free world television. "We have no desire to take on the responsibility of programming overseas stations in our tastes. This is for the foreign nationals," he says. "When England started its commercial network, the U.S. networks disclosed their experiences free. And it helped England avoid most of our mistakes.

"Idealistically," continues Jones, "the opportunity to distribute our product overseas gives the free world a chance to know more of our culture and standards—and it's not propaganda. The big prob-

lem is to convince nationals of our sincerity and that our interest is not solely the profit motive. It is also difficult to relate our TV know-how without sounding like we know it all. We should make the point that we have no monopoly on ability. We should say, 'This is our experience. You sort it out to help yourself.'"

Jones believes that world TV can be a two-way street. He says import of foreign-made programs into the U.S is growing and that it can get just as big as its quality and the depth of foreign skill can make it.

Next year Jones plans to revive CBS's International Hour exchange program as a showcase for foreign product. In 1960 the five CBS-TV o-and-o stations ran 13 foreign programs (efforts from Canada, Australia, England, Japan, Sweden and Mexico) on an exchange basis for the American Musical Theatre. Jones calls the shows successful here (in Saturday and Sunday daytime slots) and perhaps encouraging for the nations represented.

Jones is also encouraged by the reception overseas of CBS news and public affairs programs. (CBS has agreements with the BBC, Australia and Japan on news product, has had healthy overseas sales on CBS Reports, Eyewitness and The Twentieth Century. NBC also has been moving its documentary product.)

The role of the USIA

The recent USIA request for more documentary films for overseas distribution, according to Jones, is no infringement on possible network commercial return. It is the USIA intention to distribute public affairs and cultural programming where commercial sale does not reach. Jones believes, however, that this kind of programming "gets a better reception on a paid basis."

On international television or satellite communication, Jones is dubious. "It's a worthy objective," he says, "and we'll see it in some form within three or four years. But an international network could be as far as 20 years away. There are the problems of time, who owns and controls the facilities, language and copyright. It could be an absolute stalemate."

On the question of pay television's overseas chances, Jones, as most U.S. TV men dealing internationally, does not give it a worried nod. He calls the Toronto pay TV operation a flop, notes that many of the world's TV viewers already pay for their pleasure in monthly or yearly set licensing fees, "certainly no leg up for pay systems."

Besides the networks, other U.S.

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broadcasters have their eyes on foreign investment. Time-Life Broadcasting, for instance, recently invested in a Beirut TV station, is looking around for more interests.

The U.S. broadcast investor overseas certainly is aware of the opportunities and the dangers. He is motivated by profit and a certain amount of idealism. Some question if he isn't getting in too deep. The swift currents of nationalism can be the course to quicksand.

Political unrest an economic danger

Says one program man dealing overseas, "The Middle East and Latin America, traditionally, are politically unstable. What happens to U.S. interests in government TV stations when the government folds? Is it even right to sell the property of a nation? And in a coup d'état, the person who has sold this right can be held responsible. Foreign press criticism of some American TV interests and management, however well intentioned, is already bubbling. All I can say is that we must be pretty damn sure we are helping foreign TV stations, not milking them."

One area of unquestionable aid to budding television operations overseas has been U.S. export of television equipment, a broad range of items from transmitters and tubes to TV studio equipment and general parts. RCA claims the lead in this area, Britain's Marconi is probably second in the world market.

U.S. Department of Commerce figures for broadcast equipment export break down into many categories, but taking into account most of the TV equipment areas, this export was roughly \$16.5 million in 1959, \$20 million in 1960. Through the first six months of this year, the figure was \$11.8 million, an approximation of last year's pace and an indication of at least another \$20 million export year.

TV equipment export is a small part of total electronic export (which is expected to hit \$600 million this year), but it is growing. Most of the overseas business is being done in television studio equipment and parts, an indication of station facilities and programming growth

The export of television receivers, a category apart from TV equipment, is on the downtrend. Manufacturers in emerging TV markets find the field profitable and are quick to produce and compete. U.S. receiver exports in 1959 totaled \$17.6 million, dropped to \$14.7 million last year. The drop is deceptive, however, in that U.S. firms are shipping more set parts and chassis for assembly overseas. Some U.S. set manufacturers, too, have foreign plants whose output does not show up in export figures.

"Foreign competition," says one broadcast electronics man, "cannot be laughed off. It's rough, especially from Japan and Germany."

Bob Rainey, manager of broadcast and TV equipment sales for RCA International, agrees with this, but he says his company currently is having its biggest year, a rapidly increasing volume of business. He says, "Foreign competition has been tough for the last several years but I think it is about as tough as it can ever get right now."

Rainey calls Europe the toughest market but "good for special items like tape machines." He calls Australia "hot," Latin America and Africa "good" for the general range of TV equipment.

As long as there are emerging television nations, basic TV equipment will be in demand, and the U.S. will get its share of overseas sales. For the equipment men, the current market outlook is bright.

One big question for U.S. TV program distributors, station and facilities investors and broadcast equipment men alike has no real answer: When will the goose laying the golden eggs stop producing?

With the exception of the United Kingdom, free world television has a lot of growing to do before it or any one nation matches the scope of U.S. operations on a comparative basis.

It took the U.S. roughly 13 years to hit a near saturation set count of 56 million. It may take the free world until 1970 to crack the 100-million set mark, and there is room for growth after that. The U.S. people could afford rapid investment in TV sets. How fast can set count grow in a populous but poor nation like India?

Yet the overseas station can have the benefit of slick U.S. programming and the example of experience almost for the asking, a certain hypo to television growth, aid the U.S. never had. "We are the test tube for the foreign operator," as one U.S. program man puts it.

Clearly, it will be years before the overseas goose stops laying. Nations will eventually be doing more and more of their own programming, calling on the U.S. only for that which truly appeals to them. But in the dog-chase-tail circle of things, there will be increasing competition within the emerging TV nations as more networks and channels come into being—all again drawing to some extent on U.S. aid.

Says John McCarthy of TPEA: "The saturation point will vary from market to market but we are certain to benefit in a long period of growth ahead." Says William Fineshriber of MPEA: "In the foreseeable future no country can equal our pool of talent or production facilities, as is the case with movies. In a free system, dollars received will rise in proportion to quality delivered—there will always be a market for this. And it is an important point that government TV monopolies are weakening while

Page

v. TV Homes

Revenue

A new perspective on TV markets, prepared by Television Magazine and presented exclusively in this issue. For the serious student of television marketing.



overseas commercial demand is growing stronger."

The U.S. image via its programming overseas? It appears to depend on whom you listen to. General consensus: We're doing all right—but could do better if "quality" live-tape shows were broken loose from the hold of the "must-get-top-pay" factions.

The Minow effect

The harm to the U.S. overseas in Newton Minow's "wasteland" edict: Perhaps damaging but not insurmountable. Merle Jones claims it "an immediate negative effect, but most countries control what they want to see anyway." Fineshriber says the Minow remarks "had already been said by foreign critics of U.S. television. His words just lend them ammunition." Lloyd Burns of Screen Gems: "It has resulted in no further turndown of U.S. product overseas than normal."

Where do we go from here in the world television market? It appears to be just as far as our ambition, selling skill and diplomacy take us—a simple case of supply and demand, an economic axiom translatable into any language.

Please turn to the next page for listings of TV stations around the world.

AROUND THE WORLD WITH TELEVISION

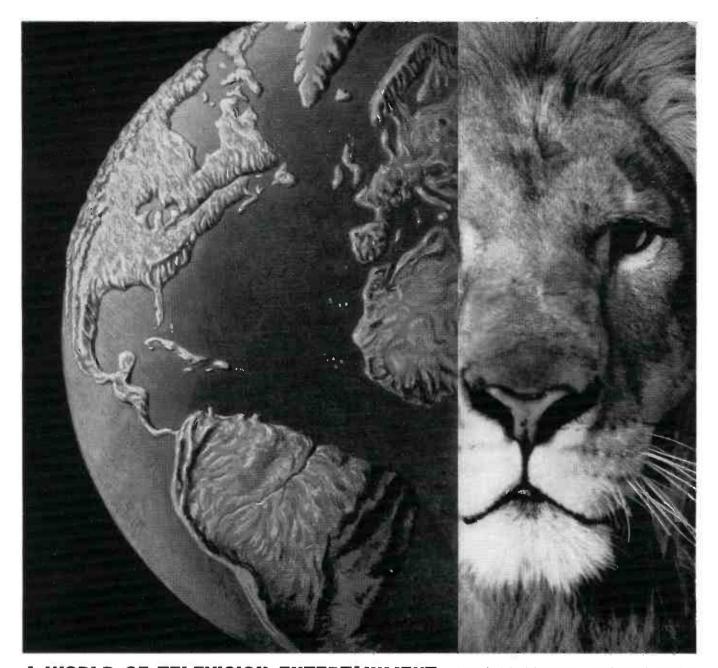
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СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
ALRANIA 1 etai	tion (Standard	s: 8 mc bandwidth, 625	lines 25 fr	romas)	D 11	nmo.	D 11 MX 143	182.25 mc	100 kw
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Chrea	_	Radiodiffusion	203.45 mc	500 w	C. Tablelands	+ —	Commercial	189.25 mc	_
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Constantine	_	Radiodiffusion	177.15 me	50 W	Darling Downs	+ —	Commercial	209.25 mc	_
		Television Française			Goulburn Valley	•	Australian Broadcast- ing Commission	86.25 me	-
Oran	_	Radiodiffusion	212.85 mc	500 w	Goulburn Valley	\	Commercial	175.25 me	_
		Television Francaise (govt)			Hobart	ABT	Australian Broadcast- ing Commission	64.25 mc	100 kw
					Hobart	TVT	Tasmanian Television Ltd.	175.25 me	50 kw
		da <mark>rds: 6 mc</mark> bandwidth			Illawarra	• —	Commercial	95.25 mc	
Buenos Aires	LS82	Government	175.25 mc	40 kw	Illawarra	•—	Australian Broadcast-	138.25 mc	
Buenos Aires	LS83	Cia. Argentina de Television S.A.	187.25 mc		Latrobe Valley		ing Commission Australian Broadcast- ing Commission	95.25 mc	
Buenos Aires	LS84	Dicon Difusora Con- temporanea S.A.	199.25 me	_	Latrobe Valley	•—	Commercial	209.25 me	
Buenos Aires	LS85	Rio de la Plata TV S.A.	211 25 mc	_	Melbourne	ABV	Australian Broadcast-	64.25 mc	100 kw
Cordoba	*LUIHTV	Telecolor S.A.	215.75 me	_	Melbourite	ADV	ing Commission	04.25 IIIC	100 KW
Mar del Plata	LU86	Difusora Marplatense S.A.	181.25 me	_	Melbourne	HSV	Herald Sun Television Pty. Ltd.	182.25 mc	100 kw
Mendoza	LV89	Juan Gomez	175.25 mc	2 kw	Melbourne	GTV	General Television Corporation Ltd.	196.25 mc	100 kw
					N.E. Tasmania	•—	Australian Broadcast- ing Commission	86.25 me	_
AUSTRALIA 42	stations (Stan	dards: 7 mc bandwidth	ı, 625 lines,	25 frames)	N.E. Tasmania		Commercial	196.25 me	-
Adelaide	ABS	Australian Broadcast- ing Commission	64.25 mc	100 kw	Newcastle Newcastle	•— •—	Commercial Australian Broadcast-	86.25 me 102.25 me	_
Adelaide	ADS	Television Broad- casters Ltd.	182.25 mc	100 kw	.ve w castic	•	ing Commission	230.00 1.10	
Adelaide	NWS	Southern Television Corporation Ltd.	196.25 mc	100 kw					
Ballarat	• —	Australian Broadcast- ing Commission	86.25 mc	-	CODE:				
Ballarat	• —	Commercial	175.25 mc	_	* Experim	ental	♦ Planned		
Bendigo	•—	Australian Broadcast- ing Commission	57.25 mc	_		emai Construction			
Bendigo	+	Commercial	189.25 mc		J.idei v				
Brisbane	ABQ	Australian Broadcast- ing Commission	64.25 mc	100 kw					

The Commission of the Author (1997) and the	CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LEITERS	LICENSEE	VIDEO FREQ.	Power (ERP)
### Common 12.55 m. 19.15 m.	Perth	ABW		64.25 mc	100 kw	Brasilia D.F.	\	Televisao Brasilia	83.25 mc	_
Controller	Perth	TVW	TVW Ltd.		100 kw		_	Radio Televisao Parana		
Commission First Commission	ichmond	→	ing Commission		_	Curitiba P.R.		Sociedade Radioemi-	205.25 me	-
Section ABN		•	ing Commission		_		_	Rad. Difusora e Televi-		500 w —
Process Proc		•	sion Ltd.		100 have		\	sora Annanguera S.A.	205.25 me	_
Section Process Proc	•		ing Commission			Juiz de Fora M.G.	*			
Addition Brasidants			sion Service Pty. Ltd.			Porto Alegre R.S.	_	Televisao Paratini	77.25 mc	6 kw
Toperation North 1822 for French 182	ownsville	• —	Ltd. Australian Broadcast-		_			Commercio S.A.		
Street S	ownsville	• —	Telecasters North	182.25 me				Pernambuco S.A.		
USTRIAL 9 stations (Standards: 7 mc bandswidth, \$25 lines, 25 frames) Facebook 12.55 mc 2.55			Queensiand Etd.			Ribeirao Preto S.P.	\$	—— Radio Nacional (govt)	61.25 mc	 25 kw
Page	USTRIA 10 static	ons (Standar	ds: 7 mc bandwidth, 62	ines, 25 f	rames)					 25 kw
Rind de Jameiron G. PRIDETT PR			Rundfunk (govt)					S.A. Radio Mayrink Veiga	175.25 mc	10 kw
Standard Control Con	_		Rundfunk (govt)			Rio de Janeiro G.A.	PRD8TV	Radioemissora Conti-	187.25 me	10 kw
Rinefuntral		_	Rundfunk (govt)				**_	Diario Carioca Ltda.		25 kw
Substitution Subs		_	Rundfunk (govt)			Rio de Janeiro	_			KW
Sundamk (gov)		_	Rundfunk (govt)			Salvador B.A.	_			2 kw
Rundfunk (govt)	_	_	Rundfunk (govt)					Paulo S.A.		
Fernina		manual and a second	Rundfunk (govt) Oesterreichischer					tura S.A.		
San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.A. 172.25 mc 10 km San Paulo S.A. 172.25 mc 10 km San Paulo S.P. PRBTV Radio Record S.A. 172.25 mc 10 km San Paulo S.A.	ienna	_	Rundfunk (govt) Oesterreichischer	175.25 mc	60 kw		PRF51V	Paulo S.A.		
San Paulo S.P. PRGGTV Radio Excessor S.A. 187.25 mc 180.25 mc 180.	'ienna	_	Oesterreichischer	520.25 mc	10 kw		PRB9TV	lista S.A.		5 kw
			Rundrunk (govi)			Sao Paulo S.P.	PRG9TV	Radio Excelsior S.A. Radio Gazeta (Funda-		500 w 10 kw
Saperation Care C		(Standards:	6 mc bandwith, 525 lin	ies, 30 fran	nes)	Sao Paulo S.P.	**PRH9TV	Radio Bandeirantes	211.25 mc	25 kw
Sacronary Selection Standards: 7 mc bandwidth, 625 lines, 25 frames Sacronary Sa		CSB218TV	AFRTS U.S. Air Force	181.25 mc	50 w	Sao Paulo	PRF3TV	Radio Difusora Sao	483.25 mc	50 kw
San Paulo (beamed PRB9TV Radio freewise (govt) San Paulo (beamed PRB9TV Radio (Prench) Radio (Prench) Radio (Prench) San Paulo (beamed PRB9TV Radio (Prench) Radio (Prench) Radio (Prench) Radio (Prench) San Paulo (beamed PRB9TV Radio (Prench) Radio (Pr						Sao Paulo (beamed Campos	PRB9TV		489.25 mc	
Sample Compose Compo				625 lines,	25 frames:	Sao Paulo (beamed	_		501.25 mc	50 kw
Principal Prin	intwerp	(Flemish)		48.25 me	(trans-	Sao Paulo (beamed	PRB9TV	Radio Record S.A.		50 kw
Same	Brussels	(French)		189.25 mc	power)	beamed Campos	PRF3TV		525.25 mc	_
Sample S	3russels	(French)	Radiodiffusion Televi-	196.25 mc	100 kw	Sao Paulo (beamed	PRB9TV			50 kw
Televisic (govt) Liege (French) Radiodiffusion Televisic (govt) Seligische Radio en Televisic (govt) Ratioselded (Flemish) Belgische Radio en Televisic (govt) Ratioselded (Flemish) Ratioselded (Flemish) Belgische Radio en Televisic (govt) Ratioselded (Flemish) Ratioselded (Flemish) Ratioselded (Flemish) Belgische Radio en Televisic (govt) Ratioselded (Flemish) Ratioselded (Flemish) Belgische Radio en Televisic (govt) Ratioselded (Flemish) Ratioselded (Flemish) Belgische Radio en Televisic (govt) Ratioselded (Flemish) Rat	Prussala	(Flowish)		910 95 ma	100 1	Sao Paulo (beamed Valinhos)	_	lista S.A.		ou kw
Televisie (govt) Raidoidffusion Television Belge (govt) Sion Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Belge (govt) Ruiselede (Flemish) Ruiselede (Flemish) Raidoidffusion Television Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Television Belge (govt) Ruiselede (Flemish) Ruiselede (Flemish) Raidoidffusion Television Television Television Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Television Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Television Belge (govt) Ruiselede (Flemish) Raidoidffusion Television Television Television Co. Ltd. Ruiselede (Flemish) Raidoidffusion Television Televi			Televisie (govt)			(beamed Campos	_	Radio Televisao Pau- lista S.A.	561.25 mc	_
Neufchateau **(French) Radiodiffusion Televison Belge (govt) Rulselede (Flemish) Belgische Radio en Televisie (govt)			Televisie (govt)		- '	Sao Paulo (beamed	PRF3TV		573.25 mc	_
Sion Belge (govt) Ruiselede (Flemish) Belgische Radio en Televisie (govt) 48.25 mc 100 kw BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BOLIVIA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BOLIVIA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames)			sion Belge (govt)				• —		_	-
BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BERMUDA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) BOLIVIA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) La Paz	Veufchateau	**(French)	Radiodiffusion Televi- sion Belge (govt)	217.25 mc	10 kw					
Sermuda Serm	luiselede	(Flemish)	Belgische Radio en Televisie (govt)	48.25 me	100 kw		ions (Standa		525 lines, 25	frames)
Hamilton ZBMTV Bermuda Radio & 193.25 mc Television Co. Ltd. Bermuda Radio & 193.25 mc (transmitter power) CAMBODIA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) Enrique Mariaca Bilbao — 5 kw CANADA 75 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) Enrique Mariaca Bilbao — 5 kw CANADA 75 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) Barbacena M.G.							_		183.25 mc	500 w
BOLIVIA 1 station (Standards: 6 mc bandwidth, 525 lines, 30 frames) La Paz			Bermuda Radio &		5 kw (trans-	Varna	•—	Government	_	5 kw
La Paz							ntion (Stand ♦—		, 525 lines, —	30 fram —
BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) Barbacena M.G. -										
BRAZIL 49 stations (Standards: 6 mc bandwidth, 525 lines, 30 frames) Barbacena M.G.	La Paz	•	Enrique Mariaca Bilbac	_	5 KW			Atlantic Television	25 lines, 30 187.25 mc	frames) 73 kw
Bauru S.P. 55.25 mc 55.25 mc 500 w 55.25 mc 55.25 mc 500 w 55.25 mc 55.25 mc 500 w 55.25 mc		ns (Standard	ls: 6 mc bandwidth, 52		frames)	Barrie, Ont.	CKVRTV	Ralph Snelgrove Tele-	61.26 mc	100 kw
Belo Horizonte M.G. Burnaby, B.C. CHANTV Vantel Broadcasting 181.26 mc 106 ks Calgary, Alta. CFCNTV CFCN Television Ltd. 67.25 mc 55 kw Campbellton, N.B. CKCDTV Moncton Broadcasting 175.24 mc 865 w Challus Inc. CHAUTY La TV de la Baie des 77.25 mc 52.51 mc 100 ks Challus Inc. CHANTV Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV CFCN Television Ltd. 67.25 mc 55 kw Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV CFCN Television Ltd. 67.25 mc 55 kw Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV Calgary, Alta. CHCTTV CAlgary Alta. CHCTT	Bauru S.P.	-		55.25 mc		Brandon, Man.	CKXTV	Western Manitoba	77.26 mc	19.3 kw
cia TV Belo Horizonte PRH6TV (Radio Guarani) 67.25 mc 31 kw Calgary, Alta. CHCTTV Calgary Television Ltd. 55.26 mc 100 kg M.G. (Radio Guarani) 67.25 mc 31 kw Calgary, Alta. CFCNTV CFCN Television Ltd. 67.25 mc 55 kg M.G. Calgary, Alta. CFCNTV CFCN Television Ltd. 67.25 mc 55 kg M.G. Calgary, Alta. CFCNTV CFCN Television Ltd. 67.25 mc 55 kg M.G. Calgary, Alta. CFCNTV CFCN Television Ltd. 67.25 mc 55 kg Moncton Broadcasting 175.24 mc 865 v Ltd. Moncton Broadcasting 175.24 mc 175.24 mc 175.25 mc 52.51 (Radio D.F. Challeurs Inc. 17.25 mc 100 kg Maisilia D.F. — Radio Nacional de 61.25 mc Charlottetown, CFCYTV The Island Radio 11.26 mc 38.61	Belo Horizonte		Governo do Estado de			Burnaby, B.C.	CHANTV	Vantel Broadcasting Co. Ltd.		164 kw
M.G. (Radio Guarani) Belo Horizonte — Televisao Alterosa 205.25 mc 10 kw M.G. Brasilia D.F. PRA2TV Ministerio da Educacao — 25 kw Carleton, Que. CHAUTV La TV de la Baie des 77.25 mc 52.5 l (govt) Brasilia D.F. — Radio Nacional de 61.25 mc — Charlottetown, CFCYTV The Island Radio 211.26 mc 38.6 l		cia TV	Radiotelevisao Itacolmi	67.25 me	31 kw					100 kw 55 kw
M.G. Brasilia D.F. PRA2TV Ministerio da Educacao 25 kw Carleton, Que. CHAUTV La TV de la Baie des 77.25 mc 52.5 l (govt) Chaleurs Inc. Brasilia D.F Radio Nacional de 61.25 mc Charlottetown, CFCYTV The Island Radio 211.26 mc 38.6 l	M.G. Belo Horizonte		(Radio Guarani)					Moncton Broadcasting		865 w
Brasilia D.F. — Radio Nacional de 61.25 mc — Charlottetown, CFCYTV The Island Radio 211.26 mc 38.61	M.G.	♦PRA2TV	Ministerio da Educacao		25 kw	Carleton, Que.	CHAUTV	La TV de la Baie des	77.25 me	52.5 kw
Didding (EUV) 1.E.I. Diodectoing Co. Did.	Brasilia D.F.	_		61.25 mc	-	Charlottetown, P.E.I.	CFCYTV		211.26 mc	38.6 kv

CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
Corner Brook,	СВҮТ	Canadian Broadcast-	77.25 mc	197 w	Trail, B.C.	CBUAT	Canadian Broadcast-	199.25 mc	187 w
Nfld. Cornwall, Ont.	CJSSTV	ing Corporation Cornwall Broadcasting Ltd.	181.26 mc	130 kw	Vancouver, B.C.	CBUT	ing Corporation Canadian Broadcast- ing Corporation	55.26 me	47.6 kw
Dawson Creek, B.C.	CJDCTV	Radio Station CJDC Ltd.	77.25 mc	212 w	Victoria, B.C.	CHEKTV	CHEK TV Ltd. Western Ontario	83.25 me 187.24 me	100 kw 178 kw
Edmonton, Alta.	CFRNTV	Sunwapta Broadcasting Co. Ltd.	61.25 me	180.3 kw	Windsor, Ont.	CKLWTV	Broadcasting Co. Ltd.	101.24 IIIC	110 KW
Goose Bay, Nfld.	CFLATV	Canadian Broadcasting Corporation	181.25 mc	359 w	Wingham, Ont.	CKNXTV	Radio Station CKNX Ltd.	181.24 mc	90 kw
Grand Falls, Nfld.	CJCNTV	Newfoundland Broad- casting Co. Ltd.	67.25 mc	8.6 kw	Winnipeg, Man.	CBWT	Canadian Broadcast- ing Corporation	61.25 mc	57.8 kw
Halifax, N.S.	СВНТ	Canadian Broadcasting Corporation	61.25 mc	56 kw	Winnipeg, Man.	CBWFT	Canadian Broadcast- ing Corporation	83.24 mc	2.87 kw
Halifax, N.S. Hamilton, Ont.	CJCHTV CHCHTV	CJCH Ltd. Niagara Televsion Ltd.	77.25 mc 199.26 mc	52.8 kw 150 kw	Winnipeg, Man. Yorkton, Sask.	CJAYTV CKOSTV	Channel Seven TV Ltd. Yorkton TV Co. Ltd.	175.26 mc 61.25 mc	325 kw 5 kw
Jonquiere, Que. Kamloops, B.C.	CKRSTV CFCRTV	Radio Saguenay Ltd. Twin Cities Television	205.26 mc	20 kw 950 w	·				
Kelowna, B.C.	CHBCTV	Ltd. Okanagan Valley TV	55.25 mc	3.7 kw	CHILE 3 stations	(Standards: 6	s me bandwidth, 625 lis		nes)
Kenora, Ont.	CBWAT	Co. Ltd. Canadian Broadcasting		493 w	Santiago Santiago	_	Universidad de Chile Universidad Catolica	187.25 mc 211.25 mc	3 kw 3 kw
Kingston, Ont.	CKWSTV	Corporation The Frontenac Broad-		130 kw	Valparaiso	_	de Santiago Universidad Catolica	181.25 mc	500 w
Kitchener, Ont.	CKCOTV	casting Co. Ltd. Central Ontario Tele-		325 kw	-		de Valparaiso		
Lethbridge, Alta.	CJLHTV	vision Ltd. Lethbridge Television		96.1 kw	COMMENTATION OF	TTXT 4 10 .4 41	(64110	h	00F 1: 9E
Lloydminster, Alta.	CHSATV	Ltd. CHSA TV Ltd.	55.25 me	14.63 kw	frames)	HINA 12 stati	ons (Standards: 8 mc	oandwith, (625 lines, 25
London, Ont.	CFPLTV	London Free Press Printing Co. Ltd.	193.25 me	325 kw	Anshan Canton	_	Government Government	_	 1 kw
Matane. Que.	CKBLTV	La Cie. de Radiodiffu- sion de Matane Ltd.	187.25 mc	153 kw	Changchun Foochow	_	Government Government	57.75 me 93.25 mc	1 kw
Medicine Hat, Alta.	CHATTV	Monarch Broadcasting Co. Ltd.	83.24 mc	5.7 kw	Harbin	_	Government	49.75 mc	50 W
Moncton, N.B.	CKCWTV	Moneton Broadcasting Ltd.	55.25 mc	25 kw	Nanking Peking	_	Government Government	57.75 mc	5 kw
Moncton, N.B.	CBAFT	Canadian Broadcasting Corporation	199.25 mc	605 w	Shanghai Shengyang/	_	Government Government	93.25 mc —	500 w —
Montreal, Que.	CBFT (French)	Canadian Broadcasting Corporation	55.25 mc	100 kw	Mukden Teintsin	_	Government	_	-
Montreal, Que.	CBMT (English)	Canadian Broadcasting Corporation	83.24 mc	43.8 kw	Tsingtao Wuhan	_	Government Government	_	_
Montreal, Que.	CFTMTV	Tele Metropole Corpo- ration	193.25 mc	68 kw					
Montreal, Que. Moose Jaw. Sask.	CFCFTV CHABTV	Canadian Marconi Co. Radio Station CHAB Ltd.	205.25 mc 67.24 mc	68 kw 48 kw	TAIWAN CHINA Taipei	1 station (Sta	andards: 6 mc bandwid Taiwan Provincial	th, 525 lines	, 30 frames) 5 kw
North Bay, Ont.	CKGNTV	Television Advertising Co. Ltd.	193.24 mc	28.5 kw	241,001	•	Government		
Ottawa, Ont.	CBOT	Canadian Broadcasting Corporation	67.26 mc	50.1 kw					
Ottawa, Ont.	CBOFT	Canadian Broadcasting Corporation	187.26 mc	31 kw	COLOMBIA 5 sta Barranquilla	ations (Standa **—	ards: 6 mc bandwidth, Radiotelevisora Na-	525 lines, 3	30 frames) —
Ottawa. Ont. Pembroke, Ont.	CJOHTV CHOVTV	Bushnell TV Co. Ltd. The Ottawa Valley	211.25 me 77.26 me	152 kw 19.1 kw	Bogota	HJRNTV	cional (govt) Radiotelevisora Na-	181.25 mc	100 kw
Peterborough, Ont.	CHEXTV	Broadcasting Co. Ltd. Kawartha Broadcast-	205.26 mc	102 kw	Bucaramanga	_	cional (govt) Radiotelevisora Na-	193.25 mc	40 kw
Port Arthur, Ont,	CFCJTV	ing Co. Ltd. Thunder Bay Elec-	55.25 mc	55.4 kw	Ibague	_	cional (govt) Radiotelevisora Na-	187.25 mc	40 kw
Prince Albert,	CKBITV	tronics Ltd. Central Broadcasting	77.25 mc	61 kw	La Orqueta	_	cional (govt) Radiotelevisora Na-	175.25 mc	60 kw
Sask. Prince George, B.C. Quebec, Que.	CKPGTV CFCMTV	Co. Ltd. CKPG Television Ltd. Television de Quebec	61.25 mc 67.25 mc	210 kw 100 kw			cional (govt)		
Quebec, Que.	(French) CKMITV	Ltd. Television de Quebec		13.85 kw	COSTA RICA 3 s	stations (Stan	dards: 6 mc bandwidth		30 frames)
Red Deer, Alta.	(English) CHCATV	Ltd. CHCA Television Ltd.	83.25 mc	13.2 kw	San Jose	• —	Compania Televisora Nacional S.A.	67.25 me	
Regina, Sask.	CKCKTV	Transcanada Commu- nications Ltd.	55.25 me	100 kw	San Jose	TITCRTV	Televisora de Costa Rica S.R. Ltda.	175.25 mc	3.2 kw
Rimouski, Que.	CJBRTV (French)	Lower St. Lawrence Radio Inc.	61.24 mc	49.3 kw	San Jose	♦TITTTV	A. Vargas V.	187.25 me	_
Riviere du Loup, Que.	CKRTTV	Radio CJFP Ltd.	175.25 me	39 kw				•	
Rouyn, Que.	CKRNTV	Northern Radio/Radio Nord. Inc.		115 kw	CUBA 8 stations Camaguey	(Standards: (6 mc bandwidth, 525 lin Government	nes, 30 fran 199.25 mc	nes)
St. John, N.B.	CHSJTV	New Brunswick Broad- casting Co. Ltd.		100 kw	Guantanamo Bay Havana	— ♦♦CMABTV	AFRTS U.S. Navy Government	181.25 me 55.25 me	200 w 110 kw
St. Johns, Nfld.	CJONTV	Newfoundland Broad- casting Co. Ltd.		21 kw	Havana	CMBFTV Television	Government	67.25 mc	125 kw
Saskatoon, Sask.	CFQCTV	A. A. Murphy & Sons Ltd.		180 kw		Revolu- cion			
Sault Ste. Marie, Ont.	CJICTV	Hyland Radio TV Ltd.		28 kw	Havana Havana	CMQTV ♦♦CMBATV	Government Government	83.25 mc 175.25 mc	125 kw 10 kw
Sherbrooke, Que. Stephenville, Nfld.	CHLTTV CFSNTV	La Tribune Ltd. Canadian Broadcast-	175.25 me 181.25 me	170 kw 490 w	Havana Havana	♦♦CMTV ♦♦CMBJTV	Government Government	193.25 me 205.25 me	30 kw 10 kw
Sturgeon Falls,	CBFST	ing Corporation Canadian Broadcast-	175.25 mc	9.75 kw		,			
Ont. Sudbury, Ont.	CKSOTV	ing Corporation CKSO Radio Ltd.	77.25 me	30 kw	CVPRUS 1 station	n (Standards:	7 mc bandwidth, 625 l	ines, 25 fra	mes)
Swift Current, Sask.	CJFBTV	Swift Current Tele- casting Co. Ltd.	77.25 me	13.3 kw	Nicosia	(~	Cyprus Broadcasting Corporation	48.25 mc	1.5 kw
Sydney, N.S.	CJCBTV	Cape Breton Broad- casters Ltd.	67.25 mc	100 kw			Corporation		
Three Rivers, Que.	CKTMTV	Television St. Mau-	211.24 mc	42.5 kw	C7FCHOSLOVA	KIA 11 statis	ns (Standards: 8 mc b	andwidth (\$25 lines 95
Timmins, Ont.	CFCLTV	rice Inc. JConrad Lavigne	83.25 me	100 kw	frames)	11 SIMILO	Ceskoslovenska Tele-	183.25 me	10 kw
Toronto. Ont.	CBLT	Enterprises Ltd. Canadian Broadcast-	83.25 mc	99.5 kw	B. Bystrica	_	vize (govt) Ceskoslovenska Tele-	183.25 me 59.25 me	10 kw
		ing Corporation Baton Aldred Rogers			Bratislava Brno	_	vize (govt) Ceskoslovenska Tele-	199.25 mc	10 kw
Toronto, Ont.	CFTOTV	Broadcasting Ltd.	187.25 mc	325 kw	Brno	_	vize (govt)	100.20 1110	IO W.W.



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СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
C. Budejovice	_	Ceskoslovenska Tele-	59.25 mc	10 kw	Turku	TES TV	Oy Tevisio Ab (com-	175.25 me	200 w
(Eastern Bo-	_	vize (govt)	175.25 mc	10 kw	Turku	Suomen TV	mercial) Oy Yleisradio Ab (govt)	189.25 mc	25 kw
hemia) (Northern Bo-	_	Ceskoslovenska Tele-	223.25 mc	8 kw					
hemia) Ostrava	_		49.75 mc	10 kw		tions (Standard	s: 14 mc bandwidth,		
Prague	_	vize (govt) Ceskoslovenska Tele-	49.75 mc	4 kw	Ajaccio	_	Radiodiffusion Tele- vision Francaise (govt)	65.55 mc	50 w
Prague	**	vize (govt) Ceskoslovenska Tele-	49.75 mc	30 kw	Amiens	_	Radiodiffusion Tele- vision Francaise	203.45 mc	20 kw
Presov	_	vize (govt) Ceskoslovenska Tele-	175.25 mc	10 kw	Aurillac	_	(govt) Radiodiffusion Tele-	203.45 mc	500 w
(Western Bo-		vize (govt) Ceskoslovenska Tele-	207.25 mc	10 kw			vision Francaise (govt)		
hemia)		vize (govt)			Bordeaux	-	Radiodiffusion Tele- vision Francaise (govt)	199.70 mc	500 w
			- 11 9F	f	Bourges	_	Radiodiffusion Tele- vision Française	190.30 mc	20 kw
DENMARK 8 stat	ions (Standar —	rds: 7 mc bandwidth, 62 Danish State Radio	5 lines, 25 175.25 mc	15 kw	Caen	-	(govt) Radiodiffusion Tele-	52.40 mc	20 kw
Aarhaus	_	(govt) Danish State Radio	196.25 mc	10 kw	_		vision Francaise (govt)	150 10	0.1
Bornholm	_	(govt) Danish State Radio	175.25 mc	10 kw	Cannes	_	Radiodiffusion Tele- vision Francaise (govt)	173.40 mc	3 kw
Copenhagen		(govt) Danish State Radio	62.25 mc	10 kw	Chamonix		Radiodiffusion Tele- vision Francaise	173.40 me	3 w
		(govt) Danish State Radio	210.25 mc	60 kw	Cherbourg	_	(govt) Radiodiffusion Tele-	212.85 mc	500 w
Holsterbro, Vestjylland	_	(govt)	182.25 mc	10 kw	Cherbourg		vision Francaise (govt)		
Naestved, Sydsjaelland	_	Danish State Radio (govt)	55.25 me	10 kw	Clermont	_	Radiodiffusion Tele- vision Francaise	173.40 mc	10 kw
Odense, Fyn	_	Danish State Radio (govt)			Dijon	_	(govt) Radiodiffusion Tele-	199.70 mc	10 kw
Sonderjylland	_	Danish State Radio (govt)	189.25 mc	60 kw	Friend	_	vision Francaise (govt) Radiodiffusion Tele-	212.85 mc	40 w
					Epinal	_	vision Francaise (govt)	212.85 IIIC	40 W
DOMINICAN RE	PUBLIC 3 st	ations (Standards: 6 mc	bandwidt	h, 525 lines,	Gerardmer	*	Radiodiffusion Tele- vision Francaise	212.85 me	3 w
Cuidad Trujillo	HIT	J. Arismendi Trujillo Molina	67.25 mc	16 kw	Grenoble	_	(govt) Radiodiffusion Tele- vision Francaise	199.70 me	40 w
Cuidad Trujillo	HINTV	H. L. Diaz y Pedro P. Bonilla P.	175.25 mc	1 kw	Le Havre	_	(govt) Radiodiffusion Tele-	177.15 me	50 w
Santo Cerro		J. Arismendi Trujillo Molina	55.25 mc	5 kw	De Havie		vision Francaise (govt)	211120	
					Le Mans	-	Radiodiffusion Tele- vision Francaise	212.85 me	10 kw
POWIDOD 8 de	# (C4-mdo	rds: 6 mc bandwidth, 5	95 lines 30	frames)	Lille		(govt) Radiodiffusion Tele- vision Francaise	185.25 mc	20 kw
EQUADOR 2 star Guayaquil	HCPTE TV	Prima Television	67.25 mc	2 kw	Timogaa	-	(govt) Radiodiffusion Tele-	52.40 mc	20 kw
Quito	HCJBTV	Ecuatoriana World Radio Mission-	55.25 mc		Limoges	_	vision Francaise (govt)	52.40 mc	20 KW
		ary Fellowship Inc.			Lisieux	*	Radiodiffusion Tele- vision Francaise	173.40 me	3 w
					Lyon	_	(govt) Radiodiffusion Tele-	212.85 mc	20 kw
EL SALVADOR San Salvador	3 stations (Sta YSUTV	andards: 6 mc bandwidt Radio Television YSU	h, 525 lines 67.25 mc	, 30 frames) 66 kw			vision Francaise (govt)		
San Salvador	YSEBTV	S.A. Television Salvadorena		1.5 kw	Marseille	-	Radiodiffusion Tele- vision Française	186.55 mc	10 kw
	YSDRTV	S.A. Television Salvadorena		6 kw	Metz		(govt) Radiodiffusion Tele-	173.40 mc	10 kw
Santa Ana	130111	S.A.	101.20				vision Francaise (govt)	400 55	80.1
					Mulhouse	_	Radiodiffusion Tele- vision Francaise (govt)	186.55 mc	20 kw
ERITREA 1 stati		s: 6 mc bandwidth, 525			Nancy		Radiodiffusion Tele- vision Française	177.15 me	50 w
Asmara	KANUTV	AFRTS U.S. Army	181.25 mc	50 w	Nantes	_	(govt) Radiodiffusion Tele-	65.55 me	20 kw
							vision Francaise (govt)		
FINLAND 14 sta Helsinki	tions (Standa Suomen	ords: 7 mc bandwidth, 6 Oy Yleisradio Ab	25 lines, 25 182.25 mc	frames) 10 kw	Nice	_	Radiodiffusion Tele- vision Francaise	203.45 mc	3 w
Helsinki	TV TES TV	(govt) Oy Tevisio Ab (com-	196.25 mc	40 w	Paris	_	(govt) Radiodiffusion Tele-	185.25 mc	20 kw
		mercial) Oy Yleisradio Ab	210.25 me	_	Davidson	*	vision Francaise (govt)	210 05	
Joutseno	**Suomen TV **Suomen	(govt) Oy Yleisradio Ab	217.25 mc		Periguex	*	Radiodiffusion Tele- vision Francaise (govt)	212.85 mc	: 3 w
Jyvaskyla	TV	(govt)	189.25 me	_	Reims	-	Radiodiffusion Tele- vision Française	164 mc	10 kw
Kuopio	**Suomen TV	Oy Yleisradio Ab (govt)		15 leav	Remiremont	*	(govt) Radiodiffusion Tele-	203.45 mc	3 w
Lahti	Suomen. TV	Oy Yleisradio Ab (govt)	203.25 mc		actini eniunt	_	vision Francaise (govt)	200.49 IIIC	
Lapua	**Suomen TV	Oy Yleisradio Ab (govt)	175.25 me		Rennes	_	Radiodiffusion Tele- vision Francaise	164 mc	20 kw
Pori	Suomen TV	Oy Yleisradio Ab (govt)	203.25 mc	200 w	Rouen	_	(govt) Radiodiffusion Tele-	199.70 mg	10 kw
Rauma	Suomen TV	Oy Yleisradio Ab (govt)	175.25 mc	290 w	2104011		vision Francaise (govt)	200.70 1110	20
Tammela	Suomen TV	Oy Yleisradio Ab (govt)	210.25 mc	200 w	Strasbourg	_	Radiodiffusion Tele- vision Française	164 mc	3 kw
Tampere	Suomen	Oy Yleisradio Ab (govt)	196.25 mc	100 kw	Toulouse		(govt) Radiodiffusion Tele-	164 mc	500 w
rampere	TV	(8011)							

CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
Troyes	*_	Radiodiffusion Tele- vision Française	52.40 me	20 kw	Flensburg	_	Norddeutscher Rund- funk	62.251 me	50 kw
Villeneuve'surlot	*_	(govt) Radiodiffusion Tele-	212.85 me	3 w	Freiburg	_	Allgemeiner Radiobund Deutschland/		500 kw
		vision Francaise (govt)			Fulda	_	Deutsches Bundespost Allgemeiner Radiobund Deutschland/ Deutsches Bundespost	511.25 mc	200 kw
GERMANY EAST frames)	13 stations	(Standards: 7 me bar	ndwidth, 62	25 lines, 25	Grunten Haardtkopf	_	Bayerischer Rundfunk Suedwestfunk	48.26 mc 503.25 mc	100 kw 200 kw
Berlin	_	German Democratic	175.25 mc	100 kw	Hamburg	_	Norddeutscher Rund- funk	203.25 mc	100 kw
Berlin		Republic German Democratic	535.25 me	100 w	Hamburg	*	funk	503.25 me	15 kw
Brocken		Republic German Democratic	182.25 me	100 kw	Hamburg	_	Allgemeiner Radiobund Deutschland/		250 kw
Cottbus	_	Republic German Democratic	62.25 mc	_	Hannover	_	Deutsches Bundespost Norddeutscher Rund-	196.24 mc	5 kw
Dequede		Republic			Hannover	_	funk Allgemeiner Radiobund		500 kw
		German Democratic Republic	519.25 mc		1101110101		Deutschland/ Deutsches Bundespost		
Dresden	-	German Democratic Republic	210.25 mc	100 kw	Harz West	_	Norddeutscher Rund- funk	210.26 mc	100 kw
Gueldendorf	_	German Democratic Republic	217.25 mc	_	Heidelberg	_	Sueddeutscher Rund-	189.25 mc	50 kw
Helpterberg	_	German Democratic Republic	55.25 me	30 kw	Heidelberg	_	funk Allgemeiner Radiobund	511.25 mc	500 kw
Inselsburg	_	German Democratic Republic	175.26 mc	100 kw			Deutschland/ Deutsches Bundespost		
Karl Marx Stadt	_	German Democratic	196.25 mc	3 kw	Hof	_	Allgemeiner Radiobund Deutschland/		200 kw
Leipzig	_	Republic German Democratic	203.25 me	100 kw	Hohenpeissenberg	*	Deutsches Bundespost Bayerischer Rundfunk		10 kw
Marlow	_	Republic German Democratic	196.26 me	10 kw	Hoher Meissner	_	Hessischer Rundfunk	189.24 mc	100 kw
Schwerin	_	Republic German Democratic	217.25 mc	100 kw	Hornisgrinde Idar	_	Suedwestfunk Suedwestfunk	203.251 me 535.265 me	100 kw —
24111		Republic	211.20	100 11 11	Irrel	*	Suedwestfunk	471.25 mc	4 w
					Kaiserslautern Kassel	_	AFRTS U.S. Air Force Allgemeiner Radiobund		150 w 100 kw
GERMANY WEST	ն 84 stations	(Standards: 7 mc ban	dwidth, 62	25 lines, 25			Deutschland/ Deutsches Bundespost		
frames) Aachen				5 kw	Kiel	_	Norddeutscher Rund- funk	175.25 mc	5 kw
Aachen	_	funk Allgemeiner Radiobund	487.25 mc 599.25 mc	5 kw 500 kw	Kiel	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		250 kw
		Deutschland/ Deutsches Bundespost			Kinheimer Berg	*—	Suedwestfunk	492.25 mc	2.5 kw
Aalen	_	Sueddeutscher Rund- funk	196.257 mc	20 kw	Kleve	_	Westdeutscher Rund- funk	479.25 mc	10 kw
Augsburg	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		100 kw	Kreuzberg Langenberg	_	Bayerischer Rundfunk Westdeutscher Rund-	55.26 me 203.257 me	100 kw 100 kw
Aurich	_	Norddeutscher Rund- funk	671.25 mc	200 kw	Lingen		funk Norddeutscher Rund-	495.26 mc	35 kw
Bad Orh	_	Hessischer Rundfunk	210.25 mc	1 w			funk		
Berlin Berlin	_	(municipal govt) Allgemeiner Radiobund	189.25 me 5 7 5.25 me	50 kw 500 kw	Mainz Minden	_	Suedwestfunk Allgemeiner Radiobund Deutschland/		1 kw 100 kw
Biedenkofp	_	Deutschland/ Deutsches Bundespost Hessischer Rundfunk	48.248 mc	20 kw	Muenster		Deutsches Bundespost Westdeutscher Rund- funk	503.25 mc	110 kw
Bielefeld		Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		500 kw	Munich	_	Allgemeiner Radiobund		250 kw
Bitburg	_	AFRTS U.S. Air Force	519.25 mc	150 w	Nordhelle	_	Deutsches Bundespost Westdeutscher Rund-		10 kw
Bonn	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		100 kw	Nuerenberg	_	funk Allgemeiner Radiobund Deutschland/		250 kw
Bremen	_	Norddeutscher Rund- funk/Radio Bremen	48.25 me	100 kw			Deutsches Bundespost		*00.1
Bremen		Norddeutscher Rund-	479.25 mc	10 kw	Ochsenkofp Raichberg	_	Bayerischer Rundfunk Suedwestfunk	62.25 mc 62.24 mc	100 kw 40 kw
Bremen	_	funk/Radio Bremen Allgemeiner Radiobund Deutschland/		250 kw	Ravensburg	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost	567.25 mc	500 kw
Brotjacklriegel Bungsberg	_	Deutsches Bundespost Bayerischer Rundfunk Norddeutscher Rund-		100 kw 200 kw	Regensburg	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost	511.25 mc	500 kw
		funk			Rottweil	_	Allgemeiner Radiobund	583.25 me	300 kw
Coblenz Cologne	_	Suedwestfunk Westdeutscher Rund-	182.26 mc 217.24 mc	50 kw 5 kw			Deutschland/ Deutsches Bundespost		
Cuxhaven	_	funk Allgemeiner Radiobund Deutschland/		330 kw	Saarbruecken Saarburg	_	Saarlandischer Rund- funk Suedwestfunk	175.25 me 471.25 me	100 kw
Dannenberg	_	Deutsches Bundespost Norddeutscher Rund-	647.25 mc	_	Stuttgart	_		217.24 mc	100 kw
Daun	*	funk Suedwestfunk	479.26 mc	15 kw	Stuttgart	_	Allgemeiner Radiobund Deutschland/	487.25 mc	300 kw
Dillberg		Bayerischer Rundfunk	182.24 mc	100 kw	m		Deutsches Bundespost	917.00	100 1
Dortmund	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		500 kw	Teutoburgerwald Teutoburgerwald	*	funk Westdeutscher Rund-	217.26 me 485.25 me	100 kw 400 w
Duesseldorf	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost	519.25 mc	500 kw	Torfhaus	_	funk Allgemeiner Radiobund Deutschland/		500 kw
Eggberg	_	Suedwestfunk	479.25 mc	800 w			Deutsches Bundespost		
Eifel		Suedwestfunk	487.25 mc		Uelzen	_	Allgemeiner Radiobund Deutschland/	599.25 me	500 kw
Eutin	_	Allgemeiner Radiobund Deutschland/ Deutsches Bundespost		500 kw	Waldenburg	_	Deutsches Bundespost Sueddeutscher Rund- funk	203.247 me	100 kw
Feldberg	_	Suedwestfunk	196.24 mc	100 kw	Walshut	_	Suedwestfunk	471.25 mc	800 w
Feldberg Feldberg	_	Hessischer Rundfunk Allgemeiner Radiobund		100 kw 500 kw	Wannenberg	_	Suedwestfunk	527.25 mc	4.8 kw
-		Deutschland/			Wendelstein	_	Bayerischer Rundfunk	210.20 mc	100 kw

CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LETTERS	LICENSEE	FREQ. VIDEO	Power (ERP)
Wuerzburg	-	Allgemeiner Radiobund	l 503.25 mc	250 kw	Monte Lauro		Radio Televisione	192.25 mc	2 kw
		Deutschland/ Deutsches Bundespos			Monte Limbara	_	Italiana (govt) Radio Televisione	210.25 mc	3 kw
					Monte Nerone	_	Italiana (govt) Radio Televisione	53.75 mc	34 kw
	n (Standards	: 6 mc bandwidth, 525 li			Monte Peglia	_	Italiana (govt) Radio Televisione	210.25 mc	32 kw
Iraklion, Crete	_	AFRTS, U.S. Air Force	181.25 me	200 w	Monte Pellegrino	_	Italiana (govt) Radio Televisione	210.25 mc	8 kw
CDDDLII AND A						_	Italiana (govt)		
GKEENLAND 2 : Sondrestrom	stations (Star	ndards: 6 mc bandwidth AFRTS, U.S. Air Force		30 frames) 200 w	Monte Pellegrino	**	Radio Televisione Italiana (govt)	519.25 me	
Thule	_	AFRTS, U.S. Air Force		50 w	Monte Penice	_	Radio Televisione Italiana (govt)	62.25 mc	100 kw
					Monte Penice	**	Radio Televisione Italiana (govt)	487.25 mc	_
GUATEMALA 3	stations (Star	ndards: 6 mc bandwidth	, 525 lines,	30 frames)	Monte Sambuco	_	Radio Televisione Italiana (govt)	$210.25\ \mathrm{mc}$	35 kw
Guatemala City	TGBOLTV	Television Guatemala S.A.	61.25 mc	5 kw	Monte Scuro	_	Radio Televisione	$201.25\;\mathrm{mc}$	8 kw
Guatemala City	TGWTV	Television Nacional de Guatemala (govt)	181.25 mc	300 w	Monte Serpeddi	**	Italiana (govt) Radio Televisione	543.25 mc	_
Guatemala City	♦ TGTTV	H. Cordeon Castaneda		-	Monte Serra	_	Italiana (govt) Radio Televisione	175.25 mc	270 kw
					Monte Serra	**	Italiana (govt) Radio Televisione	519.25 mc	_
HAITI 1 station ((Standards: 6	mc bandwidth, 525 line	s, 30 frame	s)			Italiana (govt)		
Port au P rince	Tele Haiti	Hemisphere Television Corporation	77.25 mc	2.5 kw	Monte Soro	_	Radio Televisione Italiana (govt)	183.75 mc	5 kw
		Corporation			Monte Venda	_	Radio Televisione Italiana (govt)	175.25 me	100 kw
HONDURAS 1 et	ation (Standa	rds: 6 mc bandwidth, 52	5 lines 30	frames)	Monte Venda	**-	Radio Televisione Italiana (govt)	$503.25~\mathrm{mc}$	-
Tegucigalpa	HRTGTV	Cia. Televisora Hondu-		2 kw	Monte Vergine	_	Radio Televisione	175.25 me	1 kw
		rena S.A.			Pescara	**_	Italiana (govt) Radio Televisione	543.25 mc	_
					Portofino	_	Italiana (govt) Radio Televisione	210.25 mc	127 kw
HUNGARY 9 stat Budapest	tions (Standa —	rds: 8 mc bandwidth, 62 Government	5 lines, 25 49.75 mc	frames) 30 kw		-	Italiana (govt) Radio Televisione	175.25 me	145 kw
Kabhegy	**_	Government	—	20 kw	Punta Badde Urbara	-	Italiana (govt)		
Koszeq Miskolc	_	Government Government	— 199.25 mc	— 50 w	Rome	_	Radio Televisione Italiana (govt)	201.25 me	36 kw
Pecs	_	Government	59.25 mc	5 kw	Rome	**	Radio Televisione Italiana (govt)	527.25 mc	
Szeged Szekesfehervar	_	Government Government	_	_	Trieste	_	Radio Televisione Italiana (govt)	201.25 me	270 w
Szentes	_	Government	215.25 mc	20 kw	Trieste	**-	Radio Televisione	551.25 mc	_
Szombathely		Government	_	-	Turin	_	Italiana (govt) Radio Televisione	82.25 mc	16 kw
CON AND 1 4.4	(04: 1:1	. 4 1 1 14 707	T: 00 C	,	Turin	**-	Italiana (govt) Radio Televisione	543.25 mc	_
	ion (Standard	s: 6 mc bandwidth, 525 AFRTS, U.S. Air Force			Turin	**_		543.25 me	
	ion (Standard	s: 6 mc bandwidth, 525 AFRTS, U.S. Air Force		rames) 50 w			Radio Televisione Italiana (govt)		
Keflavik ,	-33	AFRTS, U.S. Air Force	181.25 me	50 w			Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora-		rames) 5 kw
Keflavik INDIA 1 station	-33		181.25 me	50 w	JAPAN 121 statio	ons (Standards JOUKTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc	5 kw
Keflavik INDIA 1 station	-33	AFRTS, U.S. Air Force mc bandwidth, 625 line	181.25 mc es, 25 frame	50 w es)	JAPAN 121 statio Akita Akita	ons (Standards JOUKTV JOTRTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora- tion of Japan (NHK) Radio Tohoku Broad- casting Co. Ltd.	lines, 30 fr 199.25 mc 211.25 mc	5 kw 5 kw
INDIA 1 station Delhi	(Standards: 7	AFRTS, U.S. Air Force mc bandwidth, 625 line	181.25 mc es, 25 frame 62.25 mc	50 w es) 500 w	JAPAN 121 statio Akita Akita Aomori	ons (Standards JOUKTV JOTRTV JOGRTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora- tion of Japan (NHK) Radio Tohoku Broad- casting Co. Ltd. Radio Aomori Broad- casting Co. Ltd.	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc	5 kw 5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan	(Standards: 7	me bandwidth, 625 line Government me bandwidth, 525 line Habib Onnah Sabet	181.25 mc es, 25 frame 62.25 mc es, 30 frame 61.25 mc	50 w es) 500 w es) 20 kw	JAPAN 121 statio Akita Akita	ons (Standards JOUKTV JOTRTV JOGRTV JOTGTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora- tion of Japan (NHK) Radio Tohoku Broad- casting Co. Ltd. Radio Aomori Broad-	lines, 30 fr 199.25 mc 211.25 mc	5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran	(Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force	25 mc 25 frame 62.25 mc 25, 30 frame 61.25 mc 61.25 mc	50 w es) 500 w es)	JAPAN 121 statio Akita Akita Aomori	ons (Standards JOUKTV JOTRTV JOGRTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora- tion of Japan (NHK) Radio Tohoku Broad- casting Co. Ltd. Radio Aomori Broad- casting Co. Ltd. Broadcasting Corpora- tion of Japan (NHK) Broadcasting Corpora-	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc	5 kw 5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran	(Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet	25 mc 25 frame 62.25 mc 25, 30 frame 61.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw	JAPAN 121 statio Akita Akita Aomori Aomori	ons (Standards JOUKTV JOTRTV JOGRTV JOTGTV (Educational)	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran	(Standards: 7 *- (Standards: 6	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army	28, 25 frame 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc	50 w 500 w 500 w 20 kw 4 kw 500 w	JAPAN 121 statio Akita Akita Aomori Aomori	JOUKTV JOTRTV JOGRTV JOTCTV JOTCTV (Educa- tional) JOCGTV (Educa-	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corpora- tion of Japan (NHK) Radio Tohoku Broad- casting Co. Ltd. Radio Aomori Broad- casting Co. Ltd. Broadcasting Corpora- tion of Japan (NHK) Broadcasting Corpora-	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc	5 kw 5 kw 5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran	(Standards: 7 *- (Standards: 6	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army	28, 25 frame 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w	JAPAN 121 statio Akita Akita Aomori Aomori	JOTATV JOTATV JOTATV JOTATV JOTATV JOTATV (Educational) JOCATV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Sapporo Television	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra	(Standards: 7 *- (Standards: 6	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government	28, 25 frame 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc	50 w 500 w 500 w 20 kw 4 kw 500 w	JAPAN 121 statio Akita Akita Aomori Aomori Aomori	JOTATV JOTATV JOTATV JOTATV JOTATV JOTATV (Educational) JOCGTV (Educational)	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corpora-	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra	(Standards: 7 *- (Standards: 6	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government	28, 25 frame 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa	JOTRTV JOTRTV JOTCTV (Educational) JOCGTV (Educational) JOCGTV (Educational) JOCKYTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corporation of Japan (NHK) Horkaido Broadcast-	lines, 30 fr 199.25 me 211.25 me 91.24 me 103.25 me 177.25 me 97.25 me	5 kw 5 kw 5 kw 5 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra	(Standards: 7 *- (Standards: 6	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government	28, 25 frame 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa	JOUKTV JOTRTV JOGRTV JOTCTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOOGTV JOOGTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Lokaldo Broadcasting Corporation of Japan (NHK) Lokaldo Broadcasting Corporation of Japan (NHK) Lokaldo Broadcasting Cotto Ltd. (HBC)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 189.25 mc 189.25 mc 211.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 stati	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- **-	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government St. 5 mc bandwidth, 405	181.25 me es, 25 frame 62.25 me es, 30 frame 61.25 me 61.25 me 181.25 me 181.25 me	50 w es) 500 w es) 20 kw 4 kw 500 w es) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui	JOUKTV JOTRTV JOGRTV JOTCTV JOCGTV (Educational) JOCGTV JOKYTV JOOGTV JOHETV JOFGTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 me 177.25 me 189.25 mc 199.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 stati	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- **-	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government	181.25 me es, 25 frame 62.25 me es, 30 frame 61.25 me 61.25 me 181.25 me 181.25 me	50 w es) 500 w es) 20 kw 4 kw 500 w es) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOGTV JOHETV JOHETV JOPRTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- **- ton (Standard	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 196.25 mc 184.75 mc	50 w es) 500 w es) 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKSTV JOGGTV JOHETV JOHETV JOFGTV JOFGTV JOFTTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corporation of Japan (NHK) Flokkaido Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd.	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- **- ton (Standard	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Seroment Government Government Government 7 mc bandwidth, 405 Radio Eireann (govt) 7 mc bandwidth, 625 l Radio Televisione	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 196.25 mc 184.75 mc	50 w es) 500 w es) 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOGTV JOHETV JOHETV JOPRTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Kyushu Asahi Broad-	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government se: 5 mc bandwidth, 495 Radio Eireann (govt) 7 mc bandwidth, 625 l Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 184.75 mc 184.75 mc 184.75 mc 18535.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw — — — — — — — — — — — — — — — — — — —	JAPAN 121 statio Akita Akita Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKSTV JOGGTV JOHETV JOHETV JOFGTV JOFGTV JOFTTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Flokkaido Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Flukui Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence Gambarie	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government se: 5 mc bandwidth, 495 Radio Eireann (govt) 1 mc bandwidth, 625 l Radio Televisione Italiana (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc 175.25 mc 175.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukui Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOOGTV JOHETV JOFGTV JOFTTV JOFTTV JOIFTV JOLKTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Sapporo Television Co. Ltd. Broadcasting Corporation of Japan (NHK) Kokkaido Broadcasting Corporation of Japan (NHK) Ukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc	5 kw 5 kw 5 kw 5 kw 1
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Under the station ITALY 39 station Florence Gambarie Gambarie	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet Government 7 mc bandwidth, 405 Radio Eireann (govt) 7 mc bandwidth, 625 line Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w solves) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukuoka Fukuoka Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV JOTCTV (Educa- tional) JOCGTV JOHETV JOHETV JOFGTV JOFGTV JOFTV JOFTTV JOFTTV JOFTTV JOFTTV JOFTTV JOFTTV JOFTTV JOFTTV JOFTTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Co. Ltd. Kyushu Asali Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Tukui Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) RYB Mainichi Broadcasting Corporation of Japan (NHK) RYB Mainichi Broadcasting Corporation of Japan (NHK) RYB Mainichi Broadcasting Corporation Broadcasting Corporation Broadcasting Corporation Broadcasting Corporation Broadcasting Corporation Broadcasting Corporation	lines, 30 fr 199.25 me 211.25 me 91.24 me 103.25 me 177.25 me 97.25 me 189.25 me 199.25 me 211.25 me 199.25 me 211.24 me 91.25 me 103.25 me	5 kw 5 kw 5 kw 5 kw 1
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Undin ITALY 39 station Florence Gambarie Gambarie Martina Franca	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Seroment Government Government 7 mc bandwidth, 625 line Radio Eireann (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc 175.25 mc 175.25 mc 175.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w solves) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOHETV JOHETV JOFGTV JOFTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Ryushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation Orporation Broadcasting Corporation Orporation Broadcasting Corporation Orporation Grapan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence Gambarie Gambarie Gambarie Martina Franca	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government (Factor of the control of the control (Factor	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w solves) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka	JORTV JOGRTV JOTCTV (Educational) JOCGTV JOGRTV JOCGTV JOHETV JOFGTV JOFTV JOFTV JOFTV JOFRTV JOFRTV JOFRTV JOFRTV JOFRTV JOFRTV	Radio Televisione Italiana (govt) 2 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Froadcasting Corporation of Japan (NHK) The Television Nishi Nippon Corporation Broadcasting Corporation of Japan (NHK) Broadcasting Corporation Groadcasting Corporation of Japan (NHK) Broadcasting Corporation Groadcasting Corporation of Japan (NHK) Broadcasting Corporation Groadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 10 kw 10 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence Gambarie Gambarie Martina Franca Milan	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government se: 5 mc bandwidth, 495 Radio Eireann (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione Italiana (govt) Radio Televisione	28, 25 frame 62.25 mc 62.25 mc 62.25 mc 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc 175.25 mc 175.25 mc 175.25 mc	50 w es) 500 w es) 20 kw 4 kw 500 w solves) 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educa- tional) JOCGTV (Educa- tional) JOKYTV JOHETV JOHETV JOFGTV JOFRTV JOFRTV JOFRTV GUALCA- tional)	Radio Televisione Italiana (govt) 2 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Froadcasting Corporation of Japan (NHK) Froadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc 171.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence Gambarie Gambarie Gambarie Martina Franca Milan Monte Argentario	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Seron bandwidth, 625 line Government Government 7 mc bandwidth, 625 line Habia Eireann (govt) Radio Televisione Italiana (govt) Radio Televisione	28, 25 frame 62.25 mc es, 30 frame 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw 100 kw es) 19 kw 220 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka	JORTV JOGRTV JOTCTV (Educational) JOCGTV JOGRTV JOCGTV JOHETV JOFGTV JOFTV JOFTV JOFTV JOFRTV JOFRTV JOFRTV JOFRTV JOFRTV JOFRTV	Radio Televisione Italiana (govt) 6 me bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Corporation of Japan (NHK) Kyukui Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) RYB Mainichi Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Radio Fukushima Broadcasting Corporation of Japan (NHK) Radio Fukushima Broadcasting Corpora-	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 10 kw 10 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station Dublin ITALY 39 station Florence Gambarie Gambarie Gambarie Martina Franca Milan Monte Argentario Monte Beigua	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government St. 5 mc bandwidth, 625 line Government st. 625 line Government st. 626 line Government Haliana (govt) Radio Televisione Italiana (govt) Radio Televisione	28, 25 frame 62.25 mc es, 30 frame 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc 175.25 mc 175.25 mc 175.25 mc 175.25 mc 183.75 mc 183.75 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw 100 kw es) 19 kw 220 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOHETV JOHETV JOFRTV JOFRTV JOFRTV JOFRTV **- (Educational) JOFPTV JOFRTV **- (Educational) JOFPTV JOFRTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) KKB Mainichi Broadcasting Corporation of Japan (NHK) KKB Mainichi Broadcasting Corporation of Japan (NHK) Roadcasting Corporation Orgonation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK) Radio Fukushima Broadcasting Co. Ltd.	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 191.25 mc 191.25 mc 191.25 mc 191.25 mc 191.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 1 kw 3 kw 3 kw 10 kw — 3 kw 3 kw 3 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra Mosul IRELAND 1 station ITALY 39 station Florence Gambarie Gambarie Martina Franca Milan Monte Argentario Monte Beigua Monte Caccia	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **- ton (Standards: 7 **- ss (Standards: 7	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government 405 Radio Eireann (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc es, 30 frame 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc 17	50 w es) 500 w 20 kw 4 kw 500 w 5 kw 100 kw ames) 19 kw 220 kw 24 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOHETV JOFGTV JOFTV JOFRTV JOFRTV JOFRTV JOFRTV JOFRTV **- (Educational) JOFPTV JOFPTV JOFPTV JOFPTV JOFPTV JOWRTV	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Rukui Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) RSH Mainichi Broadcasting Corporation of Japan (NHK) Broadcasting Corporation Orgonation Orgonati	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 103.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 11 kw 11 kw 11 kw 11 kw 11 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 stati Dublin ITALY 39 station Florence Gambarie Martina Franca Milan Monte Argentario Monte Beigua Monte Caccia Monte Caccia	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government Government se: 5 mc bandwidth, 495 Radio Eireann (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTGTV JOTCTV (Educational) JOCGTV JOHETV JOHETV JOHETV JOFRTV JOFPTV JOFPTV JOFPTV JOWRTV JOWRTV JOHOTV JOH	Radio Televisione Italiana (govt) : 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Gukiado Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) RKB Mainichi Broadcasting Corporation of Japan (NHK) Radio Fukushima Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 91.25 mc 191.25 mc 191.25 mc 191.25 mc 191.25 mc 191.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 1 kw 3 kw 3 kw 10 kw — 3 kw 3 kw 3 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station ITALY 39 station Florence Gambarie Gambarie Martina Franca Milan Monte Argentario Monte Beigua Monte Caccia Monte Caccia Monte Cammarata	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government Government se: 5 mc bandwidth, 495 Radio Eireann (govt) Radio Televisione Italiana (govt)	28, 25 frame 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka Hukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educa- tional) JOCGTV JOHETV JOHETV JOFGTV JOFTV	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Froadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 me 211.25 me 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.25 mc 199.25 mc 211.24 mc 103.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 11 kw 11 kw 11 kw 11 kw 11 kw 11 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations Baghdad Basra Mosul IRELAND 1 station ITALY 39 station Florence Gambarie Gambarie Martina Franca Milan Monte Argentario Monte Beigua Monte Caccia Monte Caccia Monte Cammarata	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **	mc bandwidth, 625 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government Government Government 48: 5 mc bandwidth, 625 line Radio Elreann (govt) Radio Elevisione Italiana (govt) Radio Televisione	28, 25 frame 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Hukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTGTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOHETV JOHETV JOFGTV JOFGTV JOFRTV JOFRTV **- (Educational) JOFPTV JOWRTV JOWRTV JOWRTV JOWRTV JOVBTV (Educational)	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK, Radio Tohoku Broadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK, Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Co. Ltd. Kyushu Asahi Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 1 kw 1 kw 1 kw 1 kw
INDIA 1 station Delhi IRAN 3 stations Abadan Teheran Teheran IRAQ 3 stations (Baghdad Basra Mosul IRELAND 1 station	(Standards: 7 *- (Standards: 6 (Standards: 7 **- **	mc bandwidth, 625 line Government mc bandwidth, 525 line Government mc bandwidth, 525 line Habib Onnah Sabet Habib Onnah Sabet AFRTS, U.S. Air Force U.S. Army mc bandwidth, 625 line Government Government Government Government Government (Facility of the control of the control (Facility of the	28, 25 frame 62.25 mc 61.25 mc 61.25 mc 61.25 mc 61.25 mc 181.25 mc 196.25 mc 196.25 mc 196.25 mc 175.25 mc	50 w es) 500 w 20 kw 4 kw 500 w 5 kw	JAPAN 121 statio Akita Akita Aomori Aomori Aomori Asahikawa Asahikawa Asahikawa Fukui Fukui Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Fukuoka Hukuoka	ons (Standards JOUKTV JOTRTV JOGRTV JOTCTV (Educational) JOCGTV (Educational) JOKYTV JOHETV JOFGTV JOFTV JOF	Radio Televisione Italiana (govt) 6 mc bandwidth, 525 Broadcasting Corporation of Japan (NHK) Radio Tohoku Broadcasting Co. Ltd. Radio Aomori Broadcasting Co. Ltd. Broadcasting Corporation of Japan (NHK) Hokkaido Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Fukui Broadcasting Corporation of Japan (NHK) Froadcasting Corporation of Japan (NHK) Broadcasting Corporation of Japan (NHK)	lines, 30 fr 199.25 mc 211.25 mc 91.24 mc 103.25 mc 177.25 mc 97.25 mc 189.25 mc 199.25 mc 211.24 mc 91.25 mc 103.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc 171.25 mc 199.25 mc	5 kw 5 kw 5 kw 5 kw 5 kw 1 kw 1 kw 1 kw 1 kw 10 kw 10 kw 10 kw 1 kw 1 kw 1 kw 1 kw

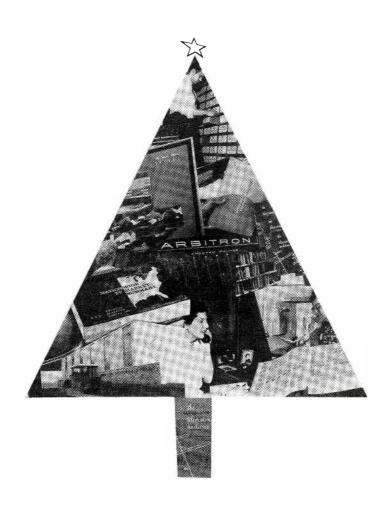
СІТУ	CALL LETTERS	LICENSEE	FREQ. VIDEO	Power (ERP)	СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
Hiroshima	(Educa-	Broadcasting Corpora- tion of Japan (NHK)	91.25 mc	10 kw	Niihama	JOZQTV	Broadcasting Corpora- tion of Japan (NHK)	97.25 mc	250 w
TT:	tional)		100.05		Obihiro	JOOGTV	Broadcasting Corpora-	171.25 mc	1 kw
Hiroshima	JOFKTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 me	5 kw	Oita	JOIPTV	tion of Japan (NHK) Broadcasting Corpora-	97.25 me	3 kw
Hiroshima	JOERTV	Radio Chugoku Broad- casting Co. Ltd.	171.25 me	5 kw	Oita	JOGFTV	tion of Japan (NHK) Oita Broadcasting	177.25 mc	3 kw
Hiroshima	**	Hiroshima TV Broad- casting Co.	217.25 me	10 kw	Okayama	JOKKTV	Co. Ltd. Broadcasting Corpora-	177.25 me	5 kw
Hofu	JOUGTV	Broadcasting Corpora- tion of Japan (NHK)	199.24 mc	1 kw			tion of Japan (NHK)		
Hofu	JOPFTV	Radio Yamaguchi Broadcasting Co.	211.24 mc	1 kw	Okayama	JOYRTV	Sanyo Broadcasting Co. Ltd.	211.25 mc	5 kw
71.4-	703177 mT/	Ltd.		250	Onomichi	JODPTV	Broadcasting Corpora- tion of Japan (NHK)	189.25 mc	1 kw
Iida 	JONKTV	Broadcasting Corpora- tion of Japan (NHK)	171.25 me	250 w	Onomichi Osaka	**— JOBKTV	Radio Chugoku Ltd. Broadcasting Corpora-	205.25 me 97.25 me	10 kw
Kagoshima	JOCFTV	Radio Minami Nihon Broadcasting Co. Ltd.	91.25 me	5 kw	Osaka	JOORTV	tion of Japan (NHK) Mainichi Broadcasting Co. Ltd.	171.25 mc	10 kw
Kagoshima	JOHGTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 mc	5 kw	Osaka	JONRTV	Osaka TV & Asahi	183.25 mc	10 kw
Kagoshima	(Educa- tional)	Broadcasting Corpora- tion of Japan (NHK)	177.25 me	5 kw	Osaka	JODXTV	Broadcasting Co. (ABC/OTV) Kansai Telecasting	193.25 me	10 kw
Kanazawa	JOJKTV	Broadcasting Corpora-	171.25 me	1 kw	Osaka	JOIXTV	Corporation Yumiuri Televsion	205.25 mc	10 kw
Kanazawa	JOMRTV	tion of Japan (NHK) Hokuriku Broadcast-	183.25 mc	3 kw			Broadcasting Corp.		
Kanazawa	_	ing Co. Ltd. Broadcasting Corpora-	193.25 me	3 kw	Osaka	JOBBTV (Educa-	Broadcasting Corpora- tion of Japan (NHK)	217.25 me	10 kw
	(Educa- tional)	tion of Japan (NHK)	100/20 1110		Sapporo	tional) JOHR T V	Hokkaido Broadcasting	91.25 mc	10 kw
Kochi	JORKTÝ	Broadcasting Corpora- tion of Japan (NHK)	171.24 mc	1 kw	Sapporo	JOIKTV	Co. Ltd. (HBC) Broadcasting Corpora-	103.25 me	5 kw
Kochi	JORBTV	Broadcasting Corpora-	183.25 mc	1 kw	Sapporo	JOKXTV	tion of Japan (NHK)	177.25 mc	10 kw
	(Educa- tional)	tion of Japan (NHK)			Sasebo		Sapporo Television Co. Ltd. Broadcasting Corpora-	193.25 me	1 kw
Kochi	JOZRTV	Radio Kochi Broad- casting Co. Ltd.	193.25 me	1 kw		JOATTV	tion of Japan (NHK)		
Kofu	JOKGTV	Broadcasting Corpora- tion of Japan (NHK)	97.25 mc	3 kw	Sendai	JOIRTV	Tohoku Broadcasting Co. Ltd.	91.25 me	10 kw
Kofu	JOJFTV	Radio Yamanashi Broadcasting Co.	177.24 me	3 kw	Sendai	JOHKTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 me	5 kw
Kokura	JOSKTV	Ltd. Broadcasting Corpora-	183.25 mc	1 kw	Sendai	JOHBTV (Educa-	Broadcasting Corpora- tion of Japan (NHK)	177.25 mc	10 kw
	UODILIV	tion of Japan (NHK)			Shimonoseki	tional)	Yamaguchi Broad-	171.25 mc	_
Kokura	(Educa-	Broadcasting Corpora- tion of Japan (NHK)	211.25 me	1 kw	Shizuoka		easting Co. Ltd.		1 kw
Kumamoto	tional)	Broadcasting Corpora-	97.25 mc	1 kw	SHIZUUKA	(Educa-	Broadcasting Corpora- tion of Japan (NHK)	97.25 me	1 KW
	(Educa- tional)	tion of Japan (NHK)			Shizuoka	tional) JOPKTV	Broadcasting Corpora-	199.25 mc	1 kw
Kumamoto	JOGKTV	Broadcasting Corpora- tion of Japan (NHK)	199.25 mc	1 kw	Shizuoka	JOVRTV	tion of Japan (NHK) Radio Shizuoka Broad-	211.24 mc	1 kw
Kumamoto	JOBFTV	Radio Kumamoto Broadcasting Co.	211.25 me	1 kw	Takamatsu	JOKFTV	casting Co. Ltd. West Japan Broad-	199.25 me	5 kw
Kushiro		Ltd. Broadcasting Corpora-	97.25 me	1 kw	Tokushima	JOJRTV	casting Co. Ltd. Shikoku Broadcasting	91.25 me	1 kw
110011110	(Educa- tional)	tion of Japan (NHK)	01.20 1110	1 1. 14			Co. Ltd.		
Kushiro	JOPGTV	Broadcasting Corpora-	199.25 mc	1 kw	Tokushima	JOXKTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 me	1 kw
Matsue	JOTKTV	tion of Japan (NHK) Broadcasting Corpora-	183.25 mc	1 kw	Tokyo	JOAKTV	Broadcasting Corpora- tion of Japan (NHK)	91.25 mc	50 kw
Matsuyama	JOZKTV	tion of Japan (NHK) Broadcasting Corpora-	183.24 mc	5 kw	Tokyo	JOABTV (Educa-	Broadcasting Corpora- tion of Japan (NHK)	103.25 me	50 kw
Matsuyama	JOAFTV	tion of Japan (NHK) Nankai Broadcasting	205.24 mc	5 kw	Tokyo	tional) JOAXTV	Japan Television Net-	171.25 mc	50 kw
Misawa		Co. Ltd. AFRTS U.S. Air Force	825.25 me	30 w	Tokyo	JOKRTV	work Co. (NTV) Tokyo Broadcasting	183,25 me	50 kw
Miyazaki	JOMGTV	Broadcasting Corpora-	193.25 mc	1 kw	-		System Inc. (TBS)		
Miyazaki	JONFTV	tion of Japan (NHK) Radio Miyazaki Broad-	205.25 mc	1 kw	Tokyo	JOCXTV	Fuji Television Co. Ltd.	193.25 mc	50 kw
Miyoshi	**	casting Co. Ltd. Radio Chugoku Ltd.	205.25 me	_	Tokyo	JOEXTV	Nippon Kyoiku Tele- vision Ltd.	205.25 me	50 kw
Morioka	JOQGTV	Broadcasting Cornora- tion of Japan (NHK)	171.25 mc	3 kw	Tottori	JOJXTV	Nihonkai Television Co. Ltd.	91.25 me	1 kw
Morioka	JODFTV	Iwate Broadcasting Co. Ltd.	183.25 me	3 kw	Tottori	JOLGTV	Broadcasting Corpora- tion of Japan (NHK)	183.25 me	1 kw
Morioka	JOQCTV (Educa-	Broadcasting Corpora- tion of Japan (NHK)	193.25 me	3 kw	Toyama	JOLRTV	North Japan Broad- casting Co. Ltd.	91.25 me	3 kw
Muroran	tional) JOITTV	Broadcasting Corpora-	97.25 mc	1 kw	Toyama	JOIGTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 mc	3 kw
	(Educa- tional)	tion of Japan (NHK)			Toyama	_	Broadcasting Corpora- tion of Japan (NHK)	205.25 mc	3 kw
Muroran	JOLYTV	Sapporo Television Co. Ltd.	189.25 mc	1 kw		(Educa- tional)	tion of Japan (NHK)		
Muroran	JOIUTV	Broadcasting Corpora- tion of Japan (NHK)	199.25 me	1 kw	Tsuruoka	JOJPTV	Broadcasting Corpora- tion of Japan (NHK)	103.25 mc	1 kw
Muroran	JOQFTV	Hokkaido Broadcast-	211.25 mc	1 kw	Utsukushigahara	JOSRTV	Shinetsu Broadcasting Co. Ltd.	211.25 me	1 kw
Nagano	JONKTV	ing Co. Ltd. (HBC) Broadcasting Corpora- tion of Japan (NHK)	199.25 me	1 kw	Wakamatsu	JOHTTV	Broadcasting Corpora- tion of Japan (NHK)	91.25 mc	1 kw
Nagasaki	JOAGTV	Broadcasting Corpora- tion of Japan (NHK)	97.25 me	1 kw	Yahata	**	Kyushu Asahi Broad- casting Co. Ltd.	97.25 me	_
Nagasaki	JOURTV	Nagasaki Broadcasting	177.25 me	1 kw	Yahata	JOFOTV	RKB Mainichi Broad- casting Corp.	193.25 me	1 kw
Nagoya	JOFXTV	Co. Ltd. Shin Tokai Television	91.24 mc	10 kw	Yahata	JOHXTV	The Television Nishi Nippon Corporation	205.25 me	1 kw
		Co. Ltd.			Yamagata	JOJGTV	Broadcasting Corpora-	193.25 me	1 kw
Nagoya	JOCKTV	Broadcasting Corpora- tion of Japan (NHK)	103.24 mc	10 kw	Yamagata	JOEFTV	tion of Japan (NHK) Yamagata Broadcast-	205.25 me	3 kw
Nagoya	JOARTV	Central Japan Broad- casting Co. Ltd.	177.25 me	10 kw	Yonago	JOHFTV	ing Co. Ltd. Radio Sanin Broad-	205.25 me	1 kw
Nagoya	(Educa-	Broadcasting Corpora- tion of Japan (NHK)	199.25 me	10 kw			casting Co. Ltd.		
Nagoya	tional) **	Chukyo Television	211.25 mc	-	KOREA SOUTH frames)	3 stations	(Standards: 6 mc bane	dwidth, 525	lines, 30
Niigata	JOQKTV	Co. Ltd. Broadcasting Corpora-	97.25 mc	5 kw	Madison	AFKNTV	AFRTS U.S. Air Force	843.25 mc	100 w
		tion of Japan (NHK)			Seoul Seoul	AFKNTV ♦♦HLKZTV	AFRTS U.S. Army Daihan Broadcasting	61.25 mc 187.25 mc	500 w 250 w
Niigata	JODRTV	Radio Niigata Inc.	177.25 me	5 kw			Corporation (DBC)		

CITY	LETTERS	LICENSEE	VIDEO FREQ.	(ERP)	CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
KUWAIT 1 station Kuwait	(Standards: *	6 mc bandwidth, 525 l Government	lines, 30 fra 187.25 mc	ames) 100 w	MOROCCO 1 stati Casablanca	ion (Standard *—	s: 14 mc bandwidth, 81 Government	9 lines, 25 212.85 mc	frames) —
		ds: 7 mc bandwidth, 6			NETHERLANDS frames)	6 stations (St	andards: 7 mc bandwid	lth, 625 lin	nes, 25
Beirut 	(Arabic)	Television Company of Lebanon (TCL)		500 w	Goes	_	Nederlandse Televisie	189.25 mc	20 kw
Beirut	(French & English)	Television Company of Lebanon (TCL)	203.25 mc	500 w	Irnsum		Stichting (govt) Nederlandse Televisie	182.25 mc	25 kw
					Lopik	_		62.261 mc	100 kw
TTDX/A 1 -4-4! //	54JJ C	b 2	- 90 6	>	Markelo		Stichting (govt) Nederlandse Televisie	189.25 mc	30 kw
LIBXA I Station () Fripoli	–	mc bandwith, 525 line AFRTS U.S. Air Force			Roermond	_	Stichting (govt) Nederlandse Televisie		50 kw
					Smilde	_	Stichting (govt) Nederlandse Televisie		40 kw
LUXEMBOURG 1 Oudelange	station (Stan	dards: 7 mc bandwidth Cie. Luxembourgeoise de Telediffusion			NETHERLANDS '	WEST INDIE	Stichting (govt) S 2 stations (Standards		ıdwidth,
					lines, 25 frames) Aruba	♦PJATV	Netherlands Antilles	83.25 mc	_
MALTA 1 station	(Standards: 7 **—	mc bandwidth, 625 li Malta Rediffusion Ltd.		nes) 1 kw	Curacao	PJCTV	Television Co. Ltd. Netherlands Antilles Television Co. Ltd.	181.25 me	2 kw
	DS 1 station	(Standards: 6 mc ba	ndwidth, 5	25 lines, 30		4 stations (Standards: 7 mc ban	dwidth, 62	25 lines,
frames) Guam		Radio Guam (H. M.	181.25 mc	,	frames) Auckland	NZBS TV	New Zealand Broadcast-	55.25 mc	500 w
	110111111	Engel & P. Berg)	101.20 1110	400 11	Christchurch	NZBS TV	ing Service (govt) New Zealand Broadcast-	62.25 mc	5 kw
					Dunedin	**NZBS TV	ing Service (govt) New Zealand Broadcast-	55.25 mc	_
MEXICO 27 station	ns (Standard:	s: 6 mc bandwidth, 525 Telesiste.na Mexicao	lines, 30 f	rames)	Wellington	NZBS TV	ing Service (govt) New Zealand Broadcast- ing Service (govt)	45.25 mc	5 kw
Chihuahua, Chih.	XERATV	S.A. Televisora de Chi- huahua S.A.	1 9 9.25 mc	400 w					
Chib	XEPMTV	—	55.25 mc	_	NICARAGUA 2 s	tations (Stand	dards: 6 mc bandwidth	525 lines,	30 fram
Chih. Ciudad Juarez,	XEJTV	Mexican Broadcasting	77.25 mc	3.65 kw	Managua	**YNSATV	Television de Nica- ragua S.A.	83.25 me	6 kw
Chih. Ciudad Madero/	XHGOTV	Co. S. A. Televisora Del Golfo	175.25 mc	4 kw	Managua	YNSATV	Television de Nica- ragua S.A.	181.25 mc	300 w
Tampico, Tams. Ciudad Obregon,	•—	S.A. de C.V. Telesistema Mexicano	_	_					
Son Coatzacoalos, Ver.	• —	S.A. Telesistema Mexicao	_	_	NICEPIA 2 statio	na (Standard)	y 7 ma handwidth 69E	lines 95 fe	
Guadalajara, Jal.	XEWOTV	S.A. Televisora de Occi-	55.25 me	15 kw	Enugu	— (Standards	Eastern Nigeria Broad-		10 kw
Guadalajara, Jal.	XEHLTV	dente S.A. Televisora Tapatía S.A.	83.25 me	5.7 kw	Ibadan	WNTV	casting Service Western Nigeria Rad-	62.25 mc	1.5 kw
Hermosillo, Son	XEWHTV	Televisora de Hermo- sillo S.A.	83.25 me	1.6 kw	Kaduna		vision Service Broadcasting Co. of	_	_
Matamoros, Tams.	XELDTV	Television de Mata-	175.25 mc	2.9 kw		,	Northern Nigeria Radio Corp.		
Mazatlan, Sin.	←	moros S.A. Telesistema Mexicao		_					
Mexicali, B.C.	XEMTV	S.A. Televisora de Mexi-	61.25 me	5 kw					
Mexico City	XEWTV	cali S.A. Telesistema Mexicano	55.25 mc	5 kw	NORWAY 3 static	ons (Standard	ls: 7 mc bandwidth, 625 Norsk Rikskringkasting		
Mexico City	XHTV	S.A. Telesistema Mexicano	67.25 mc	14.5 kw	Kongsberg		(govt) Norsk Rikskringkasting		1.5 kw
Mexico City	XHGCTV	S.A. Telesistema Mexicano	77.25 me	5 kw	Oslo	_	(govt) Norsk Rikskringkasting		100 kw
Mexico City	XEIPNTV	S.A. Instituto Politecnico	199.25 me		0310		(govt)	102.20 1110	TOUNW
Monterrey, N.L.	(cultural) XEFBTV	Nacional Cadena Televisora Del							
Monterrey, N.L.	XETTV	Norte S.A. Television Del Norte	83.25 mc	120 kw		ns (Standard	s: 6 mc bandwidth, 525		rames)
Monterrey, N.L.	XENLTV	S.A. Cadena Televisora Del		5 kw	Colon	• —	Televisora Nacional S.A.	83.25 mc	_
Nogales, Son.	XEFATV	Norte S.A. Felipe Arreola G.	55.25 me	10 kw	Panama City	**	Televisora Nacional S.A.	55.25 mc	_
Nuevo Laredo, Tams.	XEFETV	Nuevo Laredo Tele- vision S.A.	199.25 mc	1.5 kw	Panama City	Hohm, RPC TV	Corpn. Panamena de Radiodifusion S.A.	67.25 mc	2 kw
Reynosa, Tams.	**XERVTV	Telesistema Mexicano S.A.	187.25 mc	5 kw					
Fijuana, B.C.	XETV	Radio Television S.A.		40 kw	PANAMA CANAI	L ZONE 2 ete	tions (Standards: 6 mc	bandwidt	h. 525 lin
Fijuana, B.C.	XEWTTV	Televisora de Calimex, S.A.		5 kw	30 frames)		•		•
Forreon, Coah. Veracruz, Ver.	XELNTV **XEVFTV	Televisora de La Laguna S.A. Carlos Ferraez Matos	67.25 mc	1 kw 500 w	Ft. Clayton Ft. Davis	CFNTV CFNTV	AFRTS U.S. Army AFRTS U.S. Army	181.25 mc 193.25 mc	200 w 200 w
		6 mc bandwidth, 525 AFRTS, U.S. Navy			Arequipa	_	mc bandwidth, 525 line Televisora sur Peruana S.A.	55.25 mc	_
					Lima	Radio America TV	Cia. Peruana de Radio- difusion S.A.		5 kw
	(64	s: 14mc bandwidth, 81	0 lines 95	fu a	Lima	Radio El Sol TV	_	187.25 mc	10 kw

СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LETTER:	LICENSEE	VIDEO FREQ.	Power (ERP)
PHILIPPINES 8 s Cebu City, Cebu	stations (Stan DYBCTV	dards: 6 mc bandwidth, Alto Broadcasting System	, 525 lines, 61.25 mc	30 frames)	frames)		(Standards: 6 mc bar		lines, 30
Clark Field		AFRTS U.S. Air Force		200 w	Daharan	TV	Co. AFRTS U.S. Air Force		100 w
Manila	DZAQTV	Bolinao Electronics Corporation	61.25 me	7.6 kw	Daharan	_	AFRIS U.S. III FOICE	101.20	
Manila	DZBBTV	Republic Broadcasting System		100 w					
Manila	DZXLTV	Chronicle Broadcast* ing Co.	187.25 me	1.4 kw		(Standards:	7 mc bandwidth, 625 li	ines, 25 fram	nes)
Manila	♦DZRPTV	ippines (govt)	193.25 me		Barcelona	_	Radio Nacional de Espana (govt)	62.25 me	24 kw
Manila	DZMBTV	Republic Broadcasting System	199.25 mc	_	Bilbao	_	Radio Nacional de Espana (govt)	62.25 mc	_
Manila	DZTV	Inter Island Broad- casting Corporation	211.25 mc	5 kw	Madrid	_	Radio Nacional de Espana (govt)	48.25 mc	200 kw
		**************************************			Madrid	_	Radio Nacional de Espana (govt)	62.25 mc	2 kw
POLAND 17 stati	ions (Standar	ds: 8 mc bandwidth, 625	lines, 25	frames)	Sevilla	**_	Radio Nacional de Espana (govt)	55.25 mc	
Bialystok	•	Government	191.25 mc	_	Zaragoza	_	Radio Nacional de	55.25 mc	6 kw
Bydgos zcz Gdansk	_	Government Government	175.25 me 77.25 me	4.6 kw			Espana (govt)		
Jelenia Gora Kalisz	_	Government Government	207.25 me 59.25 me	_		•			
Katowice	_	Government	191.25 me	200 kw	SWEDEN 33 statio	ns (Standa	rds: 7 mc bandwith, 625	lines, 25 fr	ames)
Kielce Koszalin		Government Government	49.75 me 223.25 me	200 w	Anderstorp	_	Sveriges Radio Television (govt)	203.25 mc	150 w
Krakow	-	Government	207.25 mc	80 w	Ange	_	Sveriges Radio	196.25 me	1.5 kw
Lodz Lublin	_	Government Government	175.25 mc 199.25 mc	4 kw	Baeckefors	_	Television (govt) Sveriges Radio	196.25 mc	60 kw
Olsztyn	·—	Government	175.25 mc	1 kw	Bollnaes	_	Television (govt) Sveriges Radio	182.25 mc	15 kw
Poznan Rzeszow	_	Government Government	183.25 mc 223.25 mc	500 w —	Borlaenge	_	Television (govt) Sveriges Radio	210.25 me	25 kw
Szczecin Warsaw	_	Government Government	223.25 me 59.25 me	— 8 kw	Emmaboda	_	Television (govt) Sveriges Radio	196.25 mc	15 kw
Zielona Gora	-	Government	77.25 me	_	Gaevle	_	Television (govt) Sveriges Radio	203.25 mc	15 kw
							Television (govt) Sveriges Radio	203.25 mc	15 kw
PORTHGAL 2 etc	stions (Stand	ards: 7 mc bandwidth, 6	95 lines 9	(framac)	Goeteborg	_	Television (govt)	189.25 mc	15 kw
Coimbra	— (Stanta	Radiotelevisao Portu-	55.25 me	60 kw	Haimstad	_	Sveriges Radio Television (govt)		
Lisbon	_	guesa Radiotelevisao Portu-	189.25 mc	100 kw	Hoerby	_	Sveriges Radio Television (govt)	48.25 mc	100 kw
Porto	_	guesa	203.25 me	100 kw	Lycksele	_	Sveriges Radio Television (govt)	196.25 mc	1.5 kw
		guesa	200.20	100 11 11	Malmoe		Sveriges Radio Television (govt)	210.25 me	1 kw
					Mora	_	Sveriges Radio Television (govt)	196.25 mc	3 kw
PUERTO RICO frames)	12 stations	(Standards: 6 mc band	dwidth, 52	5 lines, 30	Motala	_	Sveriges Radio	189.25 me	3 kw
Aguadilla	**WOLETV	Western Broadcasting	205.25 mc	17.8 kw	Naessjoe	_	Television (govt) Sveriges Radio	210.25 mc	15 kw
Aguadilla	AHDTV	Corp of Puerto Rico AFRTS U.S. Air Force	513.25 mc	100 w	Norrkoeping	_	Television (govt) Sveriges Radio	175.25 me	15 kw
Caguas Guayama	**WKBMTV	American Colonial Broadcasting Corp.	199.25 me	155 kw	Oerebro	_	Television (govt) Sveriges Radio	48.25 mc	60 kw
Fajardo	**WSTETV	Continental Broadcast- ing Corporation	211.25 me	2.82 kw	Oernskoeldsvik		Television (govt) Sveriges Radio	182.25 mc	3 kw
Mayaguez	**WIPMTV	Department of Educa-	61.25 mc	29.4 kw		_	Television (govt) Sveriges Radio	62.25 mc	60 kw
Mayaguez	WORATV	tion of Puerto Rico Supreme Broadcasting	77.25 me	100 kw	Oestersund	_	Television (govt)		1.5 kw
		Co. Inc. of Puerto Rico			Skelleftea	_	Sveriges Radio Television (govt)	182.25 mc	
Ponce	**WRIKTV	Ponce Television Cor- poration	175.25 mc	63.1 kw	Skoevde	_	Sveriges Radio Television (govt)	55.25 mc	15 kw
Ponce	**WSURTV	American Colonial Broadcasting Corp.	187.25 mc	275 w	Solleftea	_	Sveriges Radio Television (govt)	189.25 me	15 kw
Roosevelt Roads		AFRTS U.S. Navy	181.25 mc	10 w 100 kw	Stockholm	_	Sveriges Radio Television (govt)	62.25 mc	60 kw
San Juan San Juan	WKAQTV WAP AT V	Ponce de Leon Broad-	55.25 me 67.25 me	56.2 kw	Storuman	-	Sveriges Radio Television (govt)	210.25 mc	15 kw
		casting Co. Inc. of P.R.			Sundsvall	_	Sveriges Radio	175.25 mc	15 kw
San Juan	WIPRTV	Department of Educa- tion of Puerto Rico	83.25 mc	100 kw	Sunne	_	Television (govt) Sveriges Radio	189.25 mc	60 kw
					Sveg	_	Television (govt) Sveriges Radio	55.25 mc	15 kw
RHODESIA & N	YASALAND	3 stations (Standards:	7 mc ban	dwidth, 625	Tasioe	_	Television (govt) Sveriges Radio	203.25 mc	15 kw
lines, 25 frames) Bulawayo		•	55.25 me	3 kw	-		Television (govt) Sveriges Radio	182.25 mc	3 kw
•	_	Rhodesia Television Ltd. (RTV)	55.25 mc	3 KW	Uppsala	_	Television (govt)		
Kitwe	**	Rhodesia Television Ltd. (RTV)	_	_	Vaennaes	-	Sveriges Radio Television (govt)	48.25 mc	60 kw
Salisbury	_	Rhodesia Television Ltd. (RTV)	62.25 mc	20 kw	Vaesteras	_	Sveriges Radio Television (govt)	196.25 mc	10 kw
					Vaestervik	_	Sveriges Radio Television (govt)	182.25 mc	25 kw
RUMANIA 4 stat	tions (Standa: ♦—	rds: 8 mc bandwidth, 62 Government	191.25 mc	10 w	Visby	-	Sveriges Radio Television (govt)	203.25 me	25 kw
Bucharest Orașul Stalin	<u> </u>	Government Government	59.25 me 77.25 me	20 kw 100 w					
Pitesti	-	Government	85.25 mc	25 w	SWITZERLAND frames)	7 stations	(Standards: 7 mc bar	ndwidth, 625	lines, 2
		(0)			Bantigei	_	Government Government	48.25 me 210.25 me	30 kw 10 kw
RYUKYU ISLAN frames)	NDS 3 station	s (Standards: 6 mc ba	ndwidth, 5	25 lines, 30	Basel La Dole	_	Government	62.25 mc	100 kw
Naha, Okinawa	KSDWTV	Okinawa Television Broadcasting Co. Ltd.	193.25 mc	5 kw	Monte Ceneri Monte San	_	Government Government	175.25 mc 210.25 mc	10 kw 10 kw
Naha, Okinawa	KSARTV	Ryukyus Broadcasting	205.25 mc	5 kw	Salvatore Saentis	_	Government	189.25 me	20 kw
Okinawa		Corporation Ltd. AFRTS U.S. Air Force	181.25 me	5 kw	Saentis Uetliberg	_	Government	55.25 me	60 kw

CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)	СІТУ	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
THAILAND 5 sta	tions (Standa	rds: 6 mc bandwidth, 5			Oxford	**	British Broadcasting Corporation	51.75 me	-
Bangkok	HSTTV	Thailand Television Co. Ltd.	67.25 me	27 kw	Peterborough	_	British Broadcasting	66.757 mc	1 kw
Bangkok	HSATV	Royal Thai Army (Signal Corps)	175.25 me	60 kw	Plymouth		Corporation British Broadcasting	51.743 me	16 kw
Khonkhaen	**	Thailand Television Co. Ltd.	_	-	Redruth, Cornwall	**	Corporation British Broadcasting	45 me	_
Lampang	**	Thailand Television	-	_	Rowridge,	_	Corporation British Broadcasting	56.743 me	32 kw
Songkhla	**	Co. Ltd. Thailand Television	_	_	Isle of Wight St. Hilary	_	Corporation Independent Television		20 kw
		Co. Ltd.					Authority		100 kw
					Stockland Hill, Devonshire	_	Independent Television Authority		
TURKEY 1 statio Istanbul	n (Standards —	7 mc bandwidth, 625 l Istanbul Technical University	ines, 25 fra 62.25 mc	mes) 100 w	Wick	_	British Broadcasting Corporation	45 mc	7 kw
	(Standards: 7	mc bandwidth, 625 lin	es, 25 fram		URUGUAY 4 stati Montevideo	ions (Standar —	ds: 6 mc bandwidth, 52 Elvira Salvo de Martinez Arboleya	5 lines, 30 67.25 me	frames) 2 kw
Aleppo (Syria) Alexandria	_	Government •	— 182.25 me	3 kw —	Montevideo	**CXATV	Servicio Oficial de Difusion (govt)	77.25 mc	5 kw
(Egypt) Cairo (Egypt)	_	Government	175.25 me	10 kw	Montevideo	_	Soc. Anonima Emisoras	193.25 me	250 w
Damascus (Syria)	_	Government	_	10 kw	Montevideo	**	de Tele y Anexos	205.25 me	5 kw
		(2)							
UNITED KINGD frames)	UM 45 station	ns (Standards: 5 mc ba				(Standards:	8 mc bandwidth, 625 1		mes)
Aberdeen		British Broadcasting Corporation	61.743 me	12 kw	Abakan (Russia) Afanas Yevskiy	**	Government Government	49.75 me	_
Aberdeen	**	Independent Television Authority	194.75 mc	400 kw	(Russia) Akhaltsikhe	**	Government	_	_
Ashkirk	**	British Broadcasting Corporation	45 me	-	(Georgia) Aktyubinsk			49.75 me	
Belfast	_	British Broadcasting Corporation	$44.993\;\mathrm{mc}$	12 kw	(Kazakh)	_	Government		
Belfast	_	Independent Television Authority	194.743 mc	100 kw	Alma Ata (Kazakh)	_	Government	77.25 me	5 kw
Birmingham	_	British Broadcasting	61.75 me	100 kw	Arkhangelsk (Russia)		Government	_	_
Bolton	_	Corporation Independent Television	194.75 mc	100 kw	Armavir (Russia) Ashkhabad	_	Government Government	49.75 mc 49.75 mc	_
Lancashire Area) Brighton	_	Authority British Broadcasting	51.757 me	300 w	(Turkmen) Astrakhan	_	Government	49.75 mc	5 kw
Caldbeck,	_	Corporation Independent Television		100 kw	(Russia)	_			5 kw
Cumberland Caradon Hill,	_	Authority Independent Television		200 kw	Baku (Azerbaijan) Baku (Azerbaijan)	_	Government Government	77.25 me 183.25 me	_ ~
Cornwall		Authority			Balkhash (Kazakh)	**	Government	_	_
Cardiff	_	British Broadcasting Corporation	66.75 me	100 kw	Barnaul (Russia) Batumi (Georgia)	**_	Government Government	77.25 me	_
Cardigan Carlisle/Cumber-	_	British Broadcasting Corporation British Broadcasting	56.757 me 61.757 me	1 kw 16 kw	Belebei (Russia)	**	Government	-	
land		Corporation			Belopolye (Ukraine)	**	Government	_	_
Channel Islands	_	British Broadcasting Corporation	61.757 me	1 kw	Beloretsk (Russia) Berislav (Ukraine)	**	Government Government	_	_
Chillerton Down, Isle of Wight	_	Independent Television Authority		100 kw	Birobidzhan (Russia)	**	Government	_	_
Douglas, Isle of Man	_	British Broadcasting Corporation	66.757 me	2.8 kw	Biysk (Russia)		Government	49.75 me	
Dover	_	British Broadcasting Corporation	51.743 mc	1 kw	Blagoveschensk (Russia)	_	Government	77.25 me	5 kw
Dover	_	Independent Television Authority	199.714 mc	100 kw	Borovichi (Russia) Bratsk (Russia)	**— **—	Government Government	_	_
Durham	_	Independent Television Authority	189.757 me	100 kw	Brest (Byelorus) Bryansk (Russia)	_	Government Government	— 59.25 me	_
Edinburgh	_	British Broadcasting Corporation	56.75 mc	100 kw	Cheboksary	_	Government		_
Huddersfield (Yorkshire Area)	_	Independent Television Authority	$199.737~\mathrm{me}$	200 kw	(Russia) Chelyabinsk		Government	85.25 mc	_
Inverness	_	British Broadcasting Corporation	$51.743~\mathrm{me}$	1 kw	(Russia) Cherepovets		Government	93.25 me	_
Inverness	**	Independent Television Authority	209.75 mc	50 kw	(Russia) Chernovtsky	**	Government		
Jersey,	**	Independent Television	194.75 me	_	(Ukraine) Chiatura	**	Government	_	_
Channel Islands Larnarkshire	_	Authority Independent Television	199.73 me	475 kw	(Georgia) Chita (Russia)	**_	Government	_	_
Edinburgh/Glas- gow Area)		Authority			Dnepropetrovsk (Ukraine)	_	Government	93.25 me	5 kw
Llandrindod Wells, Wales	**	British Broadcasting Corporation	45 me	_	Dubna (Russia)	**_	Government		_
London	_	British Broadcasting Corporation	45 me	200 kw	Dzhezkazgan (Kazakh)	_	Government	49.75 me	_
London	_	Independent Television Authority	194.757 me	120 kw	Ekibastuz (Kazakh)	←	Government	_	_
London	*	British Broadcasting Corporation	654.25 me	10 kw	Frunze (Kirgiz) Gomel (Byelorus)	_	Government Government	49.75 mc 77.25 mc	_
Londonderry, N.I.	_	British Broadcasting Corporation	51.757 me	1 kw	Gora Aragats	**	Government	_	_
Manchester	_	British Broadcasting	51.75 mc	100 kw	(Armenla) Gorkiy (Russia)	_	Government	59.25 me	_
Manningtree,	**	Corporation British Broadcasting	61.75 me	_	Gorno Altaysk (Russia)		Government		_
Essex Mendlesham	_	Corporation Independent Television		200 kw	Grozny (Russia) Guryev (Kazakh)	**_	Government Government	77.25 me	_
Midlands/Hints	_	Authority Independent Television		200 kw	Irbit (Russia)	**	Government	_	_
		Authority British Broadcasting	66.743 mc		Irkutsk (Russia) Izhevsk (Russia)	_	Government Government	77.25 me 59.25 me	_
Netherbutton, Orkney Islands	_	Corporation			Kaliningrad (Russia)	_	Government	85.25 mc	_
Newcastle		British Broadcasting Corporation	66.743 mc	12 kw	Kaltasy (Russia)	**	Government	_	_
		British Broadcasting			Karaganda		Government	49.75 mc	

CITY	CALL	LICENSEE	VIDEO FREQ.	Power (ERP)	CITY	CALL LETTERS	LICENSEE	VIDEO FREQ.	Power (ERP)
Kazan (Russia)	_	Government	49.75 me	-	Rubtsovsk		Government	59.25 mc	_
Kemerovo (Russia)		Government	93.25 me	_	(Russia) Saransk (Russia)	_	Government		
Khabarovsk (Russia)		Government	77.25 me	5 kw	Saratov (Russia)		Government	49.75 mc	-
Kharkov	_	Government	77.25 me	7 kw	Serov (Russia)	**	Government	-	_
(Ukraine)					Severouralsk (Russia)	**	Government	_	_
Kherson (Ukraine)	_	Government	77.25 me	2 kw	Simferopol (Ukraine)	_	Government	77.25 me	-
Khorog (Tadzhik)	**	Government	-	_	Spassk (Russia)	**	Government	_	_
Khorol (Russia) Kiev (Ukraine)	**_	Government			Sochi (Russia)	-	Government	49.75 mc	-
Kiev (Ukraine)	_	Government Government	59.25 me 77.25 me	15 kw —	Sovetskaya Gavan (Russia)	**—	Government	_	_
Kirov (Russia)	_	Government	77.25 me	_	Stalinabad	_	Government	49.75 mc	_
Kirovabad (Azerbaijan)		Government	_	_	(Tadzhik) Stalingrad		Government	85.25 me	
Kishinev		Government	77.25 me	15 kw	(Tadzhik)	_	Government		_
(Moldavia) Kobrin (Byelorus)	**	Carrommont			Stalino (Ukraine)		Government	85.25 me	15 kw
Komsomolsk	_	Government Government	49.75 mc	_	Stalinogorsk (Russia)	_	Government	93.25 mc	_
(Russia)					Stanislav (Ukraine)	**	Government	_	_
Krasnodar (Russia)	_	Government	93.25 me	_	Sverdlovsk	_	Government	77.25 me	5 kw
Krasnoufinsk	**	Government		5 kw	(Russia)				
(Russia) Krasnovodsk	_	Government	_		Syktyvkar (Russia)	**	Government	_	
(Turkmen)		doverningent	_	_	Tallinn (Estonia)	_	Government	59.25 me	15 kw
Krasnoyarsk (Russia)		Government	59.25 me	_	Tallinn (Estonia)	_	Government	77.25 me	_
Kulyab (Tadzhik)	**	Government	_	_	Tashkent (Uzbek) Tashkent (Uzbek)	_	Government Government	— 77.25 mc	— 5 kw
Kupishkis (Lithuania)	**	Government		_	Tbilisi (Georgia)	_	Government	85.25 mc	5 kw
Kurgan (Russia)	_	Government	93.25 me	_	Terenga (Russia)	**—	Government	_	_
Kurgan Tyube	**—	Government		_	Tomsk (Russia) Tselinograd	**	Government Government	49.75 mc	5 kw
(Tadzshik) Kustanay	**	Government			(Kazakh)		Government	_	_
(Kazakh)			_	_	Tula (Russia)	**	Government	_	_
Kutaisi (Georgia) Kuybyshev	**	Government		_	Tyumen (Russia) Ufa (Russia)	_	Government Government	59.25 me 49.75 me	5 kw
(Russia)		Government	77.25 me	-	Ukhta (Russia)	_	Government	77.25 mc	_
Kyzyl (Russia)	**	Government		_	Ulan Ude (Russia)		Government	77.25 me	_
Leningrad (Russia) Leningrad (Russia)	_	Government	49.75 me	15 kw	Ulyanovsk (Russia)	**	Government	93.25 mc	_
Lepel (Byelorus)	**	Government Government	77.25 me	_	Uralsk (Russia)	**—	Government		_
Lugansk (Ukraine)	_	Government	59.25 mc	_	Ust Kamenogorsk (Kazakh)		Government	49.75 me	_
Lutsk (Ukraine) Lvov (Ukraine)	**	Government		_	Uzhgorod	**	Government	_	
Magadan (Russia)	_	Government Government	49.75 me 49.75 me	_	(Ukraine)		Q	05.05	15 1
Magnitogorsk	_	Government	77.25 me	_	Vilnius (Lithuania)		Government	85.25 mc	15 kw
(Russia) Makhachkala	_	C			Vinnitsa (Ukraine)	_	Government	_	_
(Russia)		Government	_	_	Vitebsk (Byelorus) Vladivostok	_	Government Government	— 49.75 mc	7 kw
Minsk (Byelorus)		Government	49.75 me	5 kw	(Russia)		Government	45.75 IIIC	I KW
Morshansk (Russia)	**_	Government	_	_	Vorkuta (Russia)	_	Government	77.25 me	_
Moscow (Russia)	_	Government	49.75 me	15 kw	Voronezh (Russia) Yakutsk (Russia)	**_	Government Government	49.75 mc	_
Moscow (Russia)	_	Government	77.25 mc	7.5 kw	Yerevan	_	Government	49.75 me	5 kw
Murmansk (Russia)	_	Government	77.25 mc	_	(Armenia) Yaroslavl (Russia)		Government	59.25 me	_
Nakhichevan	_	Government	_	_	Yoshkar Ola	_	Government	183.25 me	_
(Azerbaijan)					(Russia)				
Nalchik (Russia)	_	Government	49.75 me	5 kw	Yuzhno Sakha- linsk (Russia)	_	Government	77.25 mc	_
Nebit Dag (Turkmen)	-	Government	_	_	Zaporozhye	_	Government	175.25 mc	_
Nikel (Russia)	**	Government			(Ukraine)				
Nikolayev	_	Government	59.25 me						
(Ukraine) Norilsk (Russia)		Carrammant	40.75 m.s						
Novosibirsk	_	Government Government	49.75 me 59.25 me	_			dards: 6 mc bandwidth	, 625 lines, 55.25 mc	
(Russia)			00,20 IIIC		Caracas Caracas	YVKSTV YVLVTV	Radio Caracas TV S.A. Corpn. Venezolana de	55.25 me 67.25 me	62.6 kw 15 kw
Nukus (Uzbek)		Government	_				Television S.A.		
Odessa (Ukraine)	_	Government	93.25 mc	15 kw	Caraças	YVKATV	Televisora Nacional (govt)	77.25 mc	37.2 kw
Omsk (Russia) Ordzhonikidze	_	Government Government	49.75 mc	5 kw	Maracaibo	YVMPTV	Ondas del Lago TV	211.25 mc	12 kw
(Russia)		Government	_	_	Valencia	YVLDTV	S.A. Radio Valencia	211.25 mc	4 kw
Orenburg (Russia)		Government	_	_	varencia	1 A TINI A	(Miguel Ache)	211.20 IHC	TAW
Orsha (Byelorus)	**	Government	-	_					
Paladnaya (Russia)	**	Government		_					
Pavlodar	←	Government	_	_	YUGOSLAVIA 7	stations (Star	idards: 7 mc bandwidth	. 625 lines	25 frames)
(Kazakh) Penza (Russia)	_	Government	85 95 mg		Belgrade	— (Otal	Government	182.25 mc	10 kw
Perm (Russia)	_	Government	85.25 mc 49.75 mc	_	Belgrade		Government	$210.25~\mathrm{mc}$	32 kw
Petropavlovsk,		Government		_	Ljubljana Ljubljana	_	Government	175.25 mc	6 kw
Kamchatka (Russia)					Ljubijana Mali Kum	_	Government Government	182.25 me 217.25 me	1.6 kw 6 kw
Petropavlovsk	_	Government	_	_	Sarajevo	_	Government	196.25 mc	_
(Kazakh) Petrozavodsk	_	Government	59.25 me	_	Zagreb	_	Government	203.25 me	10 kw
(Russia)		Corrown	910.05						
Pskov (Russia) Pyatigorsk	_	Government Government	210.25 me 59.25 me	_					
(Russia)	_	Government	Ja.Za inc		CODE:				
Raychikhinsk	_	Government	_	_			A mi I		
(Russia) Riga (L atvia)	_	Government	77.25 mc	5 kw	* Experime		♦ Planned		
Riga (Latvia)	_	Government	207.25 me	5 KW	** Under C	onstruction	♦ ♦ Inactive		
Rostov on Don	_	Government	49.75 mc	_					
(Russia)									



Season's Greetings from ARB



TELESTATUS

Exclusive estimates computed by Television Magazine's research department for all markets updated each month from projections for each U.S. county

DECEMBER TELEVISION HOMES

TV homes in each market are based on Television Magazine's county-by-county projections of the "National Survey of Television Sets in U.S. Households" for March 1958, plus various industry interim reports. The March 1958 survey was prepared by the Advertising Research Foundation in cooperation with the Bureau of the Census and the A. C. Nielsen Co.

Penetration potential varies by sections of the country. Many areas in New England have achieved a saturation level above 90%. Other areas, for example sections of the South, have reached a rather lower plateau. Future increases from either level can be expected to be distributed over a longer period of time than was characterized by the early stages of television growth.

In a number of markets, therefore, the TV homes count is at a temporary plateau even though the television penetration level is below the 95% ceiling established by Television Magazine. These markets will be held for an indefinite period of time.

The factor chiefly responsible for this situation is that penetration increases are often offset by current trends of population movement which for some regions have shown at least a temporary decline.

A 95% ceiling on TV penetration has been established for all markets. Many rating services show lighter penetration in metropolitan areas, but the available evidence shows that penetration drops off outside the metropolitan area itself and that 95% appears to be the most logical theoretical ceiling for the television market as a whole. This does not mean that penetration may not actually go higher in some markets. Penetration figures in markets with both VHF and UHF facilities refer to VHF only.

The coverage area of a television market is defined by Television Magazine's research department. Antenna height, power and terrain determine the physical contour of a station's coverage and the probable quality of reception

Other factors, however, may well rule out any incidence

of viewing despite the quality of the signal. Network affiliations, programming, and the number of stations in the service area must all be taken into consideration. The influence of these factors is reflected in the ARB 1960 Coverage Study and, in some cases, the regular reports of the various rating services. The ARB data in particular has become Television Magazine's guide for estimating coverage and re-evaluating markets.

After testing various formulae, Television Magazine adopted a method which utilizes a flexible cut-off point of 25%. Normally, all the television homes in a county will be credited to a market if one-quarter of these homes view any one of the stations in the market at least one night a week. Therefore, based upon this definition, Television Magazine reports maximum coverage for each television market, based upon a 25% nighttime weekly cut-off.

In some markets, it has been impossible to evaluate the available and sometimes contradictory data. These areas are being re-studied by this magazine's research department and new figures will be reported as soon as a sound estimate can be made.

In many regions, individual markets have been combined in a dual-market listing. This has been done whenever there is almost complete duplication of the television coverage area and no real substantial difference in television homes. Furthermore, the decision to combine markets is based upon advertiser use and common marketing practice.

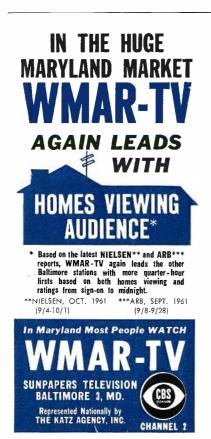
The coverage picture is constantly shifting. Conditions are altered by the emergence of new stations and by changes in power, antenna, channel and network affiliation. For this reason, our research department is continuously re-examining markets and revising TV homes figures accordingly. For a complete explanation of the various symbols used in this section, refer to the "footnote" key at the bottom of each page.

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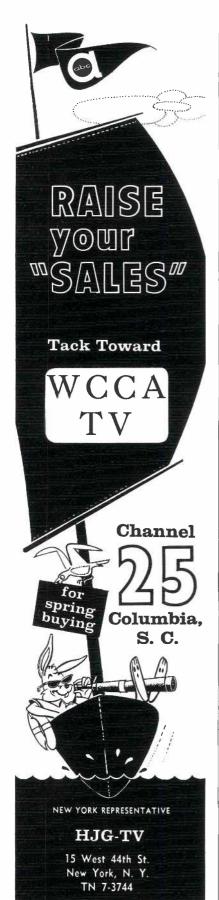
DECEMBER, 1961	
TOTAL U.S. TV HOMES	48,100,000
TOTAL U.S. HOUSEHOLDS	54,000,000
U.S. TV PENETRATION	89%

Unlike other published coverage figures, these are neither station nor network estimates. They are coyprighted and may not be reproduced without permission, listed below are all commercial stations on the air.

Warket & Stations—% Penetration	TV Homes
ABERDEEN, S.D.—70	22,500
KXAB-TV (N,C,A)	
ABILENE, Tex.—80	72,700
KRBC-TV (N)	
ADA, Okla.—80	83,800
KTEN (A,C,N)	
AGANA, Guam	††
KUAM-TY IC,N,AI	
AKRON, Ohio—45	†72,400
WAKR-TV† (A)	
ALBANY, Ga64	143,100
WALB-TV (A,N)	
ALBANY-SCHENECTADY-TROY, N.Y.—93	**433,800
WTEN (C); WAST (A); WRGB (N)	
(WTEN operates satellite WCDC, Adams, Mass.)	
ALBUQUERQUE, N.M.—72	138,800
KGGM-TV (C); KOAT-TV (A); KOB-TV (N)	
ALEXANDRIA, La.—71	90,000
KALB-TV (A,C,N)	
ALEXANDRIA, Minn.—75	97,500
KCMT (N,A)	
ALTOONA, Pa.—88	278,800
WFBG-TV (A,C)	
AMARILLO, Tex.—79	113,100
KFDA-TV (C); (GNC-TV (N); KVII-TV (A)	
AMES, Iowa—89	295,600
WOI-TV (A)	
ANCHORAGE, Alaska	††
KENI-TV (A,N); KTVA (C)	
ANDERSON, S.C.	††
WAIM-TV (A,C)	
ARDMORE, Okla.—76	28,600



Marter M				
GREENVILLE-PARTAMBURG, SC.—79 WISELTY INC.) WISELTY IN	Market & Stations—% Penetration	TV Homes	Market & Stations—% Penetration	TV Homes
MSETH CAN WIGST WAS TO				**55,200
WHICH Y NO, WIRA-TY LO, WIRA MAY MIS NO NO MARKET Y NO, WIRA MAY MORATE WIRA NO NO NO MARKET Y NO, WIRA MAY MORATE WIRA NO NO NO MARKET Y NO, WIRA MAY MORATE WIRA NO				
WAGENT (C.) WINNE MAN WEB-YE (C.) WEB-YE VA.M., WEB-YE		£43.000	CHICAGO, III.—93	
AUGUST, A.G.—73 AUSTIN, MIRIL—18 AUSTIN, MIRIL—19 AUSTIN, MIRIL—19 AUSTIN, MIRIL—19 AUSTIN, MIRIL—19 AUSTIN, MIRIL—19 AUGUST, MIRIL		363,200		
AMSTIN, Minn—Be (MATER) AMSTIN, Fox—72 (139,100 CLAMESTUR, W.) VERCETY (M.) WINTET IN (M.) (MATER) AMSTIN, Fox—73 (139,100 CLAMESTUR, W.) VERCETY (M.) WINTET IN (M.) (MATER) AMSTIN, Fox—73 (139,100 CLAMESTUR, W.) VERCETY (M.) WINTET IN (M.) (MATER) AMSTIN, Fox—73 (MATER) (M.) WINTET IN (M.) (MATER) (MATER) (MATER) (M.) (MATER) (MA		187,400		110,100
CAMES NO. P. 13,100		149,300		780,000
CENTENNO, Osis—93 1,314,800 2,40				80,100
BAKERFIELD, CHIM-79 CARACTET CLI, MECOTY Pix, KYD-TYP M 15,000		139,100		1 214 900
MAILTONER, Mad.—92	•			1,314,800
W.Z.P. V. IA.) WRALTY IN, WARLTY IN, WARLT	•		•	15,600
MAB-TY W.C.I. WB2-TY N.NAI Includes CAT WHAT N.N. WB1-TY W.C.I. WB2-TY N.NAI WB1-TY W.C.I. WB1-TY WB1-T	•			98,500
Bickeds CATM Homes		102,500		
WARTY ICAN WREZ NAI 113,000 133,400 130,900 WARTY ICAN WREZTY ICAN W				123,200
BAY CITY AGAINAW-FILINT, Mich.—91 MINBARTY AGAINAW-FILINT, Mich.—92 MINBARTY MAR, WORLCTY INC. WIRT W. 151,800 WT/TM. (A)M. WRBL-TV ICC. S2,100 WRB.TV ICC. WRB.		247,400		
WYTH M.N.D. WEBLTY ICC WITH M. N.D. WATH M.N.D. WA		413,000		
ERDINOTAM, WASH. P# P\$0,100 P\$0,100 P\$0,100 P\$0,000 P\$				100,700
BELLINCHAM, Workh.—84		151,800		52,100
BIG SPRING, Tex.—77 19,300 COOS BAY, Ora. 111		*50,100	* *	560,400
REDITY C COURTY C C C C C C C		19.300		
KOCKTV KAC), KOHLTV RN MINGLATY (AC), WINR-TYP (A,N,C)				TTT
BINCHAMTON, N.Y.—92 347,000 WAB-TV (C.Q.) WAB-TV (A.C.) EYR-TV (A.C.) \$44,500 WAB-TV (A.C.) EYR-TV (A.C.) \$44,500 WAB-TV (A.C.) EYR-TV (A.C.) \$442,800 WAB-TV (A.C.) EYR-TV (A.C.) \$442,800 WAB-TV (A.C.) EYR-TV (A.C.) \$442,800 WAB-TV (A.C.) \$47,000 WAB-TV	•	58,400		96,700
WHIGHTY (LI) WRECTY (A,CI) WINK-TY (A,NCI) WARD WA		347,000		749.600
WART-TY (N.D.) WBBC-TY (A,Cl)				, .,,,,,,
BISMARCK, N.D.—73		440,500		1 23,700
IKPYEATV operates satellites KUW-TV, Williston, N.D., and KMOT, Minot, N.D.J		**42,800		330,100
WHIG-TV (CI; WIWD (A,N) See olso indisnecolit, ind 97 WTTV WESH-TV (N) WDBG-TV (CI; WIGF-TV (A) 132,800 WHIS-TV (N,A) WDBG-TV (CI; WIGF-TV (A) 132,800 WHIS-TV (A,A) WHIS-TV (A,A) WTTP (A) WTTP).,		
DATTON ABEACH-ORLANDO, Fig.—27 273,100 10 10 10 10 10 10 10				499,100
MURISTY Ni, Al		627,000		273,100
WHIST-TY INJAN BOISE, Idaho—82 KBOLTV (CI: KYUB (ANI) BOSTON, Mass.—93 I,730,300 WBZ-TV INI; WNAC-TV IA,CI; WHDH-TV (C,N) BRISTOL, VAJOHNSON CITY, Tenn.—71 WCYB-TV IA,NI; WHILTV IA,CI BRYAN, Tex.—73 A3,200 WBZ-TV INI; WHAC-TV IA,CI; WHDH-TV (A,CI) WCYB-TV IA,NI; WHILTV IA,CI BRYAN, Tex.—73 A3,200 WBZ-TV INI; WHAC-TV IA,CI; WHDH-TV IA,CI BRYAN, Tex.—73 A3,200 BRYAN, Tex.—73 BRYAN, Tex.—73 BRYAN, Tex.—73 BUFFALO, N.Y.—92 WCAR-TV IC, WGI-TV [M]; WKBW-TV IA) BURLINGTON, VI.—88 WCAX-TV IC, WGI-TV [M]; WKBW-TV IA) BURLINGTON, VI.—88 WCAX-TV IC, WGI-TV [M]; WKBW-TV IA) BURTE, Mont. KKIF-TV IA,CI BURTE, Mont. KKIF-TV IA,CI CAPILLAC, MICH.—85 WCAX-TV IC, WGI-TV [M]; WKBW-TV IA) BURTE, Mont. KKIF-TV IA,CI CAPIC GRARDEAU, Mo.—82 RYS-TV ICI CARRIADO, MARALEIGH, N.C.—76 WCYBY IV,CI CARRIADO-SWATERTOWN, N.Y.—82 WCAX-TV IC, WGI-TV IA,CI WCAY-TV IA,CI CARRIADO-SWATERTOWN, N.Y.—82 WCAX-TV IA,CI CARRIADO-SWATERTOWN, N.Y.—82 WCAX-TV IC,CI CARRABOB-WATERTOWN, N.Y.—82 KWCAY-TV IA,CI CHARRABIGN, III.—90 WCIA ICI; WCHU† *NII¹ I¹ See Scringfield Italing) CHARRABIGN, III.—90 WCIA ICI; WUSN-TV IA,NI CHARRESTON-BUNTINTON, W. Va.—82 WCH-TV IC, WUSN-TV IC,I; WUSN-TV ICI; KTSM-TV IN) CHARRABIGN, III.—90 WCIA ICI; WUSN-TV IC,I; WUSN-TV ICI; KTSM-TV INI Includes A,700 relevision homes on millitary bases' PRISION, Cen.—84 WBTV IC,AI; WSOC-TV IN,AI CHARRABON, III.—90 WCH-TV ICI, WUSN-TV IA,NI CHARRABON, III.—90 WCH-TV ICI, WUSN-TV IA,NI CHARRABON, MICh.—74 WCH-TV ICI, WISN-TV IN,AI CHARRABON, MICH.—72 WCEN-TV IA,CI WCH-TV IA,CI, WRGP-TV IN,I) WTVC (A) WBTV IC,AI; WSOC-TV IN,AI CHARRABON, MICH.—72 WCH-TV IA,CI, WRGP-TV IN,I) WTVC (A) *** Does not include circulation of stellilie. (or boosted. *** Does not include circulation of stellilie.		****		†32.800
WTVP† A WTV		119,400		
BOSTON, Mess 93 1,730,300 KBTV (A); KLZ-TV (CI; KOA-TV (NI); KTVZ		66,800		†123,500
WBEZ-TV (NI), WNAC-TV (A,C); WHOH-TV (C,N) DES MOINES, low—90 279,500 RBISTOL, VoJOHNSON CITY, Tenn.—71 174,000 ERNOTNES, low—90 KRNT-TV (C); WHO-TV (NI) WYZ (A)		1,730,300	DENVER, Colo.—85	372,600
Name	WBZ-TV (N1; WNAC-TV (A,C); WHDH-TV (C,N)			279 500
BRYAN, Tex.—73		174,000	•	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
BUFFALD, N.Y.—92 S76,600 DICKINSON, N.D.—62 T15,400 KDIX-TV (C) WGR-TV_(NI); WKBW-TV (A) SIDX-TV (C) KDIX-TV (C) RDIX-TV (A,C)	BRYAN, Tex.—73	43,200	•	*1,616,200
WBEN_TV (C); WGR-TV_k(N); WKBW-TV (A)		576 600		15,400
WCAX-TV (C)		2, 0,000		77.000
BUTTE, Mont. KXIE-TV (A, C, N) KCDA-TV		*192,600		77,800
CAPILLAC, Mich.—85 100,400 DULUTH, MinnSUPERIOR, Wis.—85 N54,000 WMTV (A,Cl)		• 59,800		+++
CADILITY (IC); WDSM-TV (A,N) WDAL-TV (IC); WDSM-TV (A,N) WDAL-TV (IC); WDSM-TV (A,N) WDAL-TV (IC); WDSM-TV (A,N) WDAL-TV (IC) WDRHAM-RALEIGH, N.C.—76 304,700 WTVD (A,C); WRAL-TV (IN) WTVD (A,C); WRAL-TV (IN) WDRHAM-RALEIGH, N.C.—76 WTVD (A,C); WRAL-TV (IN) WDRHAM-RALEIGH, N.C.—74 112,300 WEAU-TV (A,C,N) WDRHAM-RALEIGH, N.C.—69 1172,300 WEAU-TV (A,C,N) WDRHAM-RALEIGH, N.C.—81 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—82 WDRHAM-RALEIGH, N.C.—84 WDRHAM-RALEIGH, N.C.—94 WDRHAM-RALEIGH, N.C.—94 WDRHAM-RALEIGH, N.C.—94 WDRHAM-RALEIGH, N.C.—94 N.C.—94 N.C.—9		100 400		1.54,000
Note		100,400	KDAL-TV (C); WDSM-TV (A,N)	
CARLSBAD, N.M.—86		198,400		304,700
CARTHAGE-WATERTOWN, N.Y.—82		12,300	EAU CLAIRE, Wis.—92	112,300
WCNY-TV (A,C KTVE 'A,N); KNOE-TV 'A,C SEKHART-SOUTH BEND, Ind.—69 1151,400		*67 900		179,400
CASPER, Wyo.—59	WCNY-TV (A,C)	,		+151 400
RTWO-TV (A,N,C)		33,700		1131,400
KCRG-TV (A); WMT-TV (C); KWWL-TV (N) CHAMPAIGN, III.—90 WCIA (C); WCHU† (N)† 1 See Springfield listing) CHARLESTON, S.C.—76 WCSC-TV (C); WUSN-TV (A,N) CHARLESTON-HUNTINGTON, W. Va.—82 WCHS-TV (A); WHTN-TV (C); WSAZ-TV (N) CHARLESTON-HUNTINGTON, W. Va.—82 WCHS-TV (A); WHTN-TV (C); WSAZ-TV (N) THICAPPORT (A); WSOC-TV (N,A) WBTV (C,A); WSOC-TV (N,A) CHATTANOOGA, Tenn.—77 WDEF-TV (A); WGP-TV (N); WTVC (A) WEF-TV (A); WGP-TV (N); WTVC (A) WEF-TV (A); WGP-TV (N); WTVC (A) WEF-TV (A); WGP-TV (N); WTVC (A) WTOM-TV (N,A) *** Includes 4,700 television homes on militory bases' Includes 4,700 television homes on militory bases' Hall (See Oklahoma City) ENSIGN, Kon. †† KTVC (C) *** Morket's coverage area being re-evaluates. † U.H.F. † U.H.F. † New station; coverage study not completed. **U.S. coverage only. *** includes circulation of satellite (or booster). **** Does not include circulation of satellite.				*106,700
CHAMPAIGN, III.—90 328,300 ENID, Okla. (See Oklahoma City)		304,600		
t ¹ See Springfield listing) CHARLESTON, S.C.—76 WCSC-TV (CI; WUSN-TV (A,N) CHARLESTON-HUNTINGTON, W. Va.—82 WCHS-TV (A); WHTN-TV (C); WSAZ-TV (N) CHARLESTON-HUNTINGTON, W. Va.—82 WCHS-TV (A); WHTN-TV (C); WSAZ-TV (N) T U.H.F. CHARLOTTE, N.C.—84 WBTV (C,A); WSOC-TV (N,A) CHATTANOOGA, Tenn.—77 WDEF-TV (A,C); WRGP-TV (N); WTVC (A) CHEBOYGAN, Mich.—74 WTOM-TV (N,A) *** includes circulation of satellite (or booster). *** Does not include circulation of satellite.	CHAMPAIGN, III.—90	328,300		
CHARLESTON, S.C.—76 WCSC-TV (CI; WUSN-TV (A,N) CHARLESTON-HUNTINGTON, W. Va.—82 WCHS-TV (A); WHTN-TV (C); WSAZ-TV (N) CHARLOTTE, N.C.—84 WBTV (C,A); WSOC-TV (N,A) CHATLOTGE, N.C.—77 WDEF-TV (A,C); WRGP-TV (N); WTVC (A) WTOM-TV (N,A) WTOM-TV (N,A) 145,000 * Market's coverage area being re-evaluates. † U.H.F. † U.H.F. † Incomplete data. † New station; coverage study not completed. * U.S. coverage only. *** includes circulation of satellite (or booster). *** Does not include circulation of satellite.				TT
CHARLESTON-HUNTINGTON, W. Va.—82 WCH5.TV (A); WHTN-TV (C); WSAZ-TV (N) CHARLOTTE, N.C.—84 WBTV (C,A); WSOC-TV (N,A) CHATTANOOGA, Tenn.—77 WDET.TV (A,C); WKGP-TV (N); WTVC (A) CHEBOYGAN, Mich.—74 WTOM-TV (N,A) *** Does not include circulation of satellite.	CHARLESTON, S.C.—76	145,000		
WCHS.TV A]; WHTN-TV CI; WSAZ-TV N}		442 400	Adaptat's coverage and being re-evaluates	
CHARLOTTE, N.C.—84 WBTV (C,A); WSOC_TV (N,A) CHATTANOOGA, Tenn.—77 WDEF.TV (A,C); WRGP.TV (N); WTVC (A) CHEBOYGAN, Mich.—74 WTOM-TV (N,A) *** Includes circulation of satellite for boosterl. *** Does not include circulation of satellite.		442,400		
CHATTANOOGA, Tenn.—77 WDEF.TV (A,C); WRGP-TV (NI; WTVC (A) CHEBOYGAN, Mich.—74 WTOM-TV (N,A) WTOM-TV (N,A) TIT New station; coverage study not complete. * U.S. coverage only. *** Includes circulation of satellite for booster!. *** Does not include circulation of satellite.		660,300		
WDEF.TV (A,C); WRGP-TV (NI; WTVC (A) CHEBOYGAN, Mich.—74 WTOM-TV (N,A) * U.S. coverage only. ** includes circulation of satellite for booster!. *** Does not include circulation of satellite.		202,900		
WTOM-TV (N,A) *** Does not include circulation of sotellite.	WDEF-TV (A,C); WRGP-TV (N); WTVC (A)			
		24,400		
			♦ Market being held as it has reached 95% Tv pener	ation.



	TV Home
EPHRATA, Wash.—28 _ KBAS.TV† (C,N)	†5,100
(Satellite of KIMA-TV, Yakima, Wash.)	
ERIE, Pa.—95	♦173,28 0
WICU-TV (A,N); WSEE-TV† (A,C)	†58,000
(Includes CATV Homes)	
EUGENE, Ore.—85	**101,600
KVAL-TV (N); KEZI-TV (A)	
(KVAL operates satellite KPIC-TV, Roseburg, Ore)	(1.40)
EUREKA, Calif.—80 KIEM-TV (A,C); KVIQ-TV (A,N)	61,400
EVANSVILLE, IndHENDERSON, Ky.—84	225,600
WFIE-TV† (N); WTVW (A); WEHT-TV† (C)	127,400
FAIRBANKS, Alaska	†
KFAR-TV (A,N); KTVF (C)	,
FARGO, N.D.—77	143,200
WDAY-TV (N); KXGO-TV (A)	•
(See also Valley City, N.D.)	
FLINT-BAY CITY-SAGINAW, Mich.—91	413,000
WJRT (A); WNEM (A,N); WKNK-TV† (A,C)	†62,800
FLORENCE, Ala.—52	†15,500
WOWL-TV† (C,N,A)	
FLORENCE, S.C.—75	165,100
WBTW IA,C,N)	
FT. DODGE, Iowa—60	127,700
KQTV† (N)	
FT. MYERS, Fla.—67	13,400
WINK-TV (A,C)	
FT. SMITH, Ark.—71	52,000
KFSA-TV (C,N,A)	
FT. WAYNE, Ind.—81	†185,400
WANE-TV+ (C); WKJG-TV+ (N); WPTA-TV+ (A)	
FT. WORTH-DALLAS, Tex.—86	749,600
KTVT; WBAP-TV (N); KRLD-TV (C); WFAA-TV (A)	
FRESNO, Calif.—74 KFRE-TV† (C): KJEO-TV† (A); KMJ-TV† (N)	†196,800
GLENDIVE, Mont.—60	0.100
KXGN-TV IC,A)	2,100
GOODLAND, Kan.—61	10,900
KWHT-TV (C)	10,700
GRAND FORKS, N.D.—75	33,400
KNOX-TV (A,N)	,
GRAND JUNCTION, Colo65	**27,300
KREX-TV IA,C,N)	
(Operates satellite KREY-TV, Montrose, Colo.)	
GRAND RAPIDS-KALAMAZOO, Mich.	• 612,700
WOOD-TV (A,N); WKZO-TV (A,C)	
GREAT BEND, Kan.—75	**103,800
KCKT-TV (N)	
(KCKT operates satellite KGLD, Garden City, Kan.	
and KOMC-TV, McCook, Neb.)	
GREAT FALLS, Mont.—82 KFBB-TV (A,C,N); KRTV	52,400
(Includes CATV Homes)	
GREEN BAY, Wis.—90	325,100
WBAY-TV (C); WFRV (N); WLUK-TV (A)	323,100
GREENSBORO—WINSTON-SALEM, N.C.—86	404 300
WFMY-TV (A,C): WSJS-TV (N)	404,300
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79	405,300
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV ICI;	
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79	
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV (AI; WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C.—75	†
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV [N]; WSPA-TV (C); WLOS-TV (A); WISE-TV† (C,N)	†
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV (AI; WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,CI; WITN INI GREENWOOD, Miss.—62	180,100
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C—79 WYBG-TV IN; WSPA.TV (CI; WLOS-TV (A); WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C—75 WNCT (A,CI; WITN IN: GREENWOOD, Miss.—62 WABG-TV (C)	180,100
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV (AI; WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,C); WITN INI GREENWOOD, Miss.—62 WABG-TV ICI HANNIBAL, MoQUINCY, III.—89	180,100
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV (AI; WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,C); WITN INI GREENWOOD, Miss.—62 WABG-TV ICI HANNIBAL, MoQUINCY, III.—89 KHQA (C,A); WGEM-TV (A,C)	180,100
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C YEBC-TV. INI; WSPA.TV. (CI; WIOS-TV. (AI; WISE-TV+ (C,N) GREENVILLE-WASHINGTON, N.C YENCT. (A,CI; WITN. INI GREENWOOD, Miss62 WABG-TV. (CI HANNIBAL, MoQUINCY, III KIPQA. (C,AI; WGEM-TV. (A,CI) HARLINGEN-WESLACO, Tex75	180,100 60,300 173,600
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C—79 WYBC-TV IN; WSPA-TV (CI; WLOS-TV (A); WISE-TV† (C,N) GREENVILLE-WASHINGTON, N.C75 WNCT (A,CI; WITN IN: GREENWOOD, Miss.—62 WABG-TV (C) HANNIBAL, MoQUINCY, III.—89 KHQA (C,A); WGEM-TV (A,C) KGBT-TV (A,CI; KRGV-TV (A,NI	180,100 60,300 173,600 *76,400
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV ICI; WIOS-TV IAI; WSE-TV† (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,C); WITN INI: GREENWOOD, Miss.—62 WABG-TV ICI HANNIBAL, MoQUINCY, III.—89 KHQA IC,A; WGEM-TV IA,CI HARLINGEN-WESLACO, Tex.—75 KGBT-TV IA,CI; KRGV-TV IA,NI HARRISBURG, III.—83	180,100 60,300 173,600 *76,400
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV IAI; WSFA-TV (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,C); WITN INI GREENWOOD, Miss.—62 WABG-TV ICI HANNIBAL, MoQUINCY, III.—89 KHQA IC,AJ; WGEM-TV IA,CI HARLINGEN-WESLACO, Tex.—75 KGBT-TV (A,C); KRGV-TV IA,NI HARRISBURG, III.—83 WSIL-TV (A)	180,100 60,300 173,600 *76,400
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C YEBC-TV. INI; WSPA.TV. (C); WIOS-TV. (A); WISE-TV†. (C,N) GREENVILLE-WASHINGTON, N.C75 WNCT. (A,C); WITN. (N) GREENWOOD, Miss62 WABG-TV. (C) HANNIBAL, MoQUINCY, III 89 KHGA. (C,A); WGEM-TV. (A,C) HARNISBAL, WGEM-TV. (A,C) HARRISBURG, III 83 WSILTV. (A,C); KRGV-TV. (A,N) HARRISBURG, JII 83 WSILTV. (A,C) HARRISBURG, JII 83	405,300 1180,100 60,300 173,600 *76,400 200,700 †165,300
GREENVILLE-SPARTANBURG, S.C ASHEVILLE, N.C.—79 WFBC-TV INI; WSPA-TV (CI; WIOS-TV IAI; WSFA-TV (C,N) GREENVILLE-WASHINGTON, N.C.—75 WNCT (A,C); WITN INI GREENWOOD, Miss.—62 WABG-TV ICI HANNIBAL, MoQUINCY, III.—89 KHQA IC,AJ; WGEM-TV IA,CI HARLINGEN-WESLACO, Tex.—75 KGBT-TV (A,C); KRGV-TV IA,NI HARRISBURG, III.—83 WSIL-TV (A)	180,100 60,300 173,600 *76,400

- Market's coverage area being re-evaluated.
- † U.H.F.
- †† Incomplete data.
- ††† New station; coverage study not completed.
- * U.S. coverage only.
- ** Includes circulation of satellite for boostert.

 *** Does not include circulation of satellite.
- ♦ Market being held as 't has reached 95% TV penetration.

For the

MOST IMPACT

in North Carolina



North Carolina's Grade A World

Only one station provides strong Grade A Coverage of this 33 county audience — the big heartland of the state's rich industrialized Piedmont market.

North Carolina's Grade A World

Largest N. C. Metropolitan Area: Winston-Salem, Greensboro, High Point 14 cities ranging from 11,000 to over 120,000 population Total Population—1,409,700 Total Households—369,940

North Carolina's Grade A World

Billion Dollar Market:
Consumer Income — \$1 1/2 Billion
— plus
Total Retail Sales — \$1 Billion—
plus





Peters, Griffin, Woodward, Reps.

Market & Stations—% Penetration	TV Homes	Market & Stations—% Penetration	TV Homes	Market & Stations—% Penetration	TV Homes
HARTFORD-NEW BRITAIN, Conn.—94 WTIC-TV (CI; WNBC† (NI; WHCT†	681,500 †304,400	LAS VEGAS-HENDERSON, Nev.—77 KLAS-TV (C); KSHO-TV (A); KLRJ-TV (N)	49,700	NEW ORLEANS, La.—84 WDSU-TV (N); WYUE (A); WWL-TV (C)	386, 100
HASTINGS, Neb.—82	99,900	LAWTON, Okla. (See Wichita Falls, Tex.)		NEW YORK, N.Y.—93	5,190,800
KHAS-TV (N)		LEBANON, Pa.—84 WLYH-TV† (A)	†1 10,500	WABC-TV (A); WNEW-TV; WNTA-TV; WCBS-	TV (C);
HATTIESBURG, Miss.—65 WDAM-TV (A,N)	52,400	LEWISTON, Idaho—73	18,500	WOR-TV; WPIX; WNBC-TV (N) NORFOLK, Va.—86	303,400
HELENA, Mont.	+++	KLEW-TV (C,N)	,	WAVY (N); WTAR-TV (C); WVEC-TV (A)	555,155
KBLL-TV (C.N)		(Satellite of KIMA-TV, Yakima, Wash.) LEXINGTON, Ky.—47	†56,300	NORTH PLAYTE, Neb69	20,300
HENDERSON, KyEVANSVILLE, Ind.—84	225,600	WLEX-TV† INI; WKYT† (A,C)	(30,300	KNOP-TV (N) OAK HILL, W. Va.—78	90,200
WEHT-TV† (C); WFIE-TV† (N); WTVW (A)	†127,400	LIMA, Ohio—66	†55,700	WOAY-TV (A,CI	
HENDERSON-LAS VEGAS, Nev.—77 KLBJ-TV (N); KLAS-TV (C); KSHO-TV (A)	49,700	WIMA-TV† (A,C,N) LINCOLN, Neb.—85	***176,300	OAKLAND-SAN FRANCISCO, Colif.—90	1,379,400
HOLYOKE-SPRINGFIELD, Mass.—87	**†337,500	KOLN-TV (C)		KTYU; KRON-TV (N); KPIX (C); KGO-TV (A) ODESSA-MIDLAND, Tex.—70	86,900
WWLP† (N); WHYN-TV† (A,C) IWWLP operates satellite WRLP† Greenfield, Mass	i	Operates satellite KGIN-TV, Grand Island, Nel		KOSA-TV (CI; KMID-TV (A,N); KDCD-TV†	††
HONOLULU, Hawaii	., **• 149,000	LITTLE ROCK, Ark.—72 KARK-TV (NI); KTHV (CI); KATV (A)	254,200	OKLAHOMA CITY, Okla.—85 KWTV (C); WKY-TV (N); KOCO-TV (A) (Enid)	319,700
KGMB-TV ICI; KONA-TV (NI; KHVH-TV (A)	147,000	LOS ANGELES, Calif.—91	2,902,000	OMAHA, Neb.—92	319,800
Includes 14,600 television homes on military bases! Satellites: KHBC-TV, Hillo and KMAU-TV, Wailuku		KABC-TV (A); KCOP; KHJ-TV; KT[A; KNXT (C); KRCA (N); KTTV		KMTV (N); WOW-TV (C); KETV (A)	
to KGMB-TV, KMVI-TV, Wailuku and KHJK-TV, Hile	3	LOUISVILLE, Ky.—81	427,900	ORLANDO-DAYTONA, Fla.—71 WDBO-TV (C); WLOF-TV (A); WESH-TV (N)	273,100
to KHVH; KALA, Wailuku to KONA-TV.)		WAVE-TV (A,N); WHAS-TV (C)		OTTUMWA, Iowa—84	87,000
HOT SPRINGS, Ark. KFOY-TV	†††	LUBBOCK, Yex.—80 KCBD-TV (A,N); KDUB-TV (C)	110,200	KTVO (C,N,A)	
HOUSTON, Tex.—89	503,200	LUFKIN, Tex.—69	34,400	PADUCAH, Ky.—79 WPSD-TV (N)	180.000
KPRC-TV (N); KTRK-TV (A); KHOU-TV (C)	,	KTRE-TV (N,C,A)		PANAMA CITY, Fla.—77	26,900
HUNTINGTON-CHARLESTON, W. Va.—82	442,400	LYNCHBURG, Va.—82 WEVA.TV (A)	129,800	WJHG-TV (A,NI	
WHTN-TV (C); WSAZ-TV (N); WCHS-TV (A)		MACON, Ga.—76	115,000	PARKERSBURG, W. Va.—44 WTAP† {A,C,N}	†19,500
HUNTSVILLE, Ala. WAFG-TV† (A)	††	WMAZ-TV (A,C,N) MADISON, Wis.—90	236,100	PASCO, Wash.—52	†33,000
HUTCHINSON-WICHITA, Kan.—83	**304,000	WISC-TV (C); WKOW-TV† (AI; WMTV† (N)	•	KEPR-TV† (C,N) (Satellite of KIMA-TV, Yakima, Wash.)	
KTVH (C); KAKE-TV (A); KARD-TV (N) (KAYS-TV, Hays, Kan, satellite of KAKE-TV)		MANCHESTER, N.H.—90	150,500	PEMBINA, N.D.	†††
IDAHO FALLS, Idaho—74	65,800	WMUR-TV (A) MANKATO, Minn.	†††	KCND-TV (A)	
KID-TV (A,CI; KIFI-TV (N);	65,800	KEYC-TV (C)	***	PEORIA, III.—78 WEEK-TV† (NJ; WMBD-TV† ICI; WTVH† (A)	**†179,100
INDIANAPOLIS, Ind.—91	741,500	MARINETTE, Wis. (See Green Bay)		WEEK-TV† operates WEEQ-TV†, LaSalle, III.)	
WFBM-TV (N); WISH-TV (C); WLWI (A) (See also Bloomington, Ind.)		MARQUETTE, Mich.—85 W(UC-TV IC,N,A)	\$2,500	PHILADELPHIA, Pa.—91 WCAU-TV (CI; WFIL-TV (A); WRCV-TV (N)	2,009,600
JACKSON, Miss.—68	229,000	MASON CITY, lowa-87	153,700	PHOENIX-MESA, Ariz.—85	240,000
WJTV (CI; WLBT IA,N)		KGLO-TV (C) MAYAGUEZ, P.R.	+†	KOOL-TV (C); KPHO-TV; KTVK (A); KTAR-TV (N	
JACKSON, Tean.—71 WDXI-TV (A,C)	57,200	WORA-TV (C,A)	,,	PITTSBURG, KanJOPLIN, Mo.—83 KOAM-TV (A,N); KODE-TV (A,C)	135,400
JACKSONVILLE, Fla.—82	296,900	MEDFORD, Ore.—73	44,400	PITTSBURGH, Pa.—93	1,182,000
WJXT (C,A); WFGA-TV (N,A)	270,700	KBES-TV IA,C); KMED-TV (N) MEMPHIS, Tenn.—77	476,500	KDKA-TV (C); WIIC (N); WTAE (A) PLATYSBURG, N.Y.—84	*108,800
JEFFERSON CITY-COLUMBIA, Mo.—82	123,200	WHBQ-TV (A); WMCT (N); WREC-TV (C)		WPTZ (A,N)	100,000
KRCG-TV (A,CI; KOMU-TV (A,NI		MERIDIAN, Miss.—67 WTOK-TV (A,C,N)	95,100	POLAND SPRING, Me.—91	336,100
JOHNSON CITY, TennBRISTOL, Va.—71 WJHL-TV (A,C); WCYB-TV (A,N)	174,000	MESA-PHOENIX, Ariz.—85	240,000	WMTW-TV (A,C) {Mt. Washington, N.H.} PONCE, P.R.	††
JOHNSTOWN, Pa.—91	560,400	KTAR-TV (N); KTVK (A); KPHO-TV; KOOL-TV		WSUR-TV; WRIK-TV (C,A)	.,,
WARD-TY† (A,CI; WJAC-TY (N,A)	11	MIAMI, Fla.—90	569,300	PORT ARTHUR-BEAUMONT, Tex.—78 KBMT-TV (A); KPAC-TV (N); KFDM-TV (C)	151,800
JOPLIN, MoPITTSBURG, Kan.—83 KODE-TV (A,C); KOAM-TV (A,N)	135,400	WCKT (N); WPST-TV (A); WTVJ (C) (Includes 66,800 tourist-only sets)		PORTLAND, Me.—91	239,000
JUNEAU, Alaska	++	MIDLAND-ODESSA, Tex.—70	86,900	WCSH-TV (N); WGAN-TV (C)	
KINY-TV (C)	**	KMID-TV (A,N); KOSA-TV (C); KDCD-TV†	††	PORTLAND, Ore.—86 KGW-TV (N); KOIN-TV (C); KPTV (A)	479,000
KALAMAZOO-GRAND RAPIDS, Mich.	• 612,700	MILWAUKEE, Wis93	654,000	PRESQUE ISLE, Me.—83	21,300
WKZO-TV (A,CI; WOOD-TV (A,NI		WISN-TV (C); WITI-TV (A); WTMJ-TV (N); V MINNEAPOLIS-ST. PAUL, Minn.—90	VAIAT T109,400 MM€: 754,000	WAGM-TV (A,C,N)	
KANSAS CITY, Mo.—90 KCMO-TV (C); KMBC-TV (A); WDAF-TV (N)	608,000	KMSP-TV (A); KSTP-TV (N); WCCO-TV (C); \		PROVIDENCE, R.I.—93 WJAR-TV (A,N); WPRO-TV (C)	682,500
KEARNEY, Neb.—77	**88,600	MINOT, N.D.—71	*34,000	PUEBLO-COLORADO SPRINGS, Colo.—83	98,500
KHOL-TV (A) (Operates satellite KHPL-TV, Hayes Center, Neb.)		KXMC-TV (A,C); KMOT-TV (A,N)		KCSJ-TV (N); KKTV (C); KRDO-TV (A) QUINCY, IIIHANNIBAL, Mo.—89	173,600
KLAMATH FALLS, Ore.—70	13,900	MISSOULA, Mont.—73 KMSO-TV (A,C)	\$7,500	WGEM-TV (A,N); KHQA-TV (C,A)	170,000
KOTI-TV IA,C,N)	10,700	MOBILE, Ala.—80	249,400	RALEIGH-DURHAM, N.C.—76 WRAL-TV (N); WTVD (A,C)	304,700
KNOXVILLE, Tenn.—71	214,400	WALA-TV (N); WKRG-TV (CI; WEAR-TV (A)	(Pensacola)	RAPID CITY, S.D.—S8	**34,600
WATE-TV (N); WBIR-TV (C); WTVK† (A)	†48,500	MONAHANS, Tex.—71 KVKM-TV (A)	26,000	KOTA-TV (A,C); KRSD-TV INI	
LA CROSSE, Wis.—88 WKBT (A,C,N)	121,700	MONROE, LaEL DORADO, Ark.—74	179,400	(KOTA-TV operates satellite KDUH-TV, Hay Spring (KRSD-TV operates satellite KDSJ-TV, Lead, S.D.)	s, Neb.)
LAFAYETTE, La.—71	103,100	KNOE-TV (A,C); KTVE (A,N)	,	REDDING, Calif.—79	75,300
KLFY-TV (C) (Includes CATV Homes)		MONTEREY-SALINAS, Calif. (See Salinas)		KVIP-TV (A,N) RENO, Nev84	41,300
LAKE CHARLES, La.—72	78,600	MONTGOMERY, Ala.—72 WCOV-TV† (C); WSFA-TV (N,A)	156,400 †51,700	KOLO-TV IA,C,N)	41,300
KPLC-TV (A,N)	70,000	MUNCIE, Ind.—59	†21,100		
LANCASTER, Pa.	•517,800	WLBC-TV† (A,C,N)	,,	Market's coverage area being re-evaluated.	
WGAL-TV (C,N)		NASHVILLE, Tenn.—70	381,600	† U.H.F.	
LANSING, Mich.—92 WJIM-TV (C,A); WILX-TV (N) (Onondoga)	380,400	WLAC-TV (C); WSIX-TV (A); WSM-TV (N)		†† Incomplete data. ††† New station; coverage study not completed.	
LAREDO, Tex.—64	10,800	NEW BRITAIN-HARTFORD, Conn.—94 WTIC-TV (CI; WNBC† (NI; WHCT†	681,500 †304,400	* U.S. coverage only. ** Includes circulation of satellite (or booster).	
KGNS-TV IA,C,NI		NEW HAVEN, Conn.—92	995,700	*** Does not include circulation of satellite.	
LA SALLE, III. (See Peoria, III.)		WNHC-TV (A)		 Market being held as it has reached 95% TV pen 	etration.

Market & Stations—% Penetration	TV Home _s
RICHMCND, Va.—82	270,20
WRVA-TV (A), WTVR (C); WXEX-TV (N) (Petersbur RIVERTON, Wyo.—54	g, Va.) 6,900
KWRB-TV IC,N,A)	
ROANOKE, Va.—81 WDBJ-TV (C); WSLS-TV (A,N)	253,200
ROCHESTER, Minn.—87 KROC-TV (N)	78,700
ROCHESTER, N.Y.—92	338,000
WROC-TV (A,N); WHEC-TV (A,C); WVET-TV (A,C) ROCKFORD, III.—91	205,200
WREX-TV (A,CI; WTVO† INI ROCK ISLAND, IIIDAVENPORT, Iowa—92	†108,600 330,100
WHBF-TV (A,CI; WOC-TV (N) ROME-UTICA, N.Y. (See Utica)	000,100
ROSWELL, N.M.	•49,800
KSWS-TV (A,C,N) SACRAMENTO-STOCKTON, Colif.—88	459,100
KXTV (C); KCRA-TV (N); KOVR (A)	
SAGINAW-BAY CITY-FLINT, Mich.—91 WKNX-TV† (A,C); WNEM-TV (A,N); WJRT (A)	413,000 †62,800
ST. JOSEPH, Mo.—90 KFEQ-TV (C,A)	111,000
ST. LOUIS, Mo.—92	861,600
KSD-TV INI; KTVI (AI; KMOX-TV (CI; KPLR-TV ST. PAUL-MINNEAPOLIS, Minn.—90	754,000
WTCN-TV; WCCO-TV (C); KSTP (N); KMSP-TV (A ST. PETERSBURG-TAMPA, Flg.—85	351,700
WSUN-TV† (A); WFLA-TV (N); WTVT (C)	†223,100
ST. THOMAS, V.I. WBNB-TV (C,N,A)	††
SALINAS-MONTEREY, Calif.—88	**227,200
KSBW-TV (A,C,N) (See also San Jose, Calif.)	
Uncludes circulation of optional satellite, KSBY-TV, San SALISBURY, Md.—68	Luis Obispol †34,100
WBOC-TV† (A,C)	134,100
SALT LAKE CITY, Utch—88 KSL-TV (C); KCPX (A); KUTV (N);	264,400
KLOR-TV (Provo, Utah)	
SAN ANGELO, Tex.—82 KCTV (A,C,N)	32,100
SAN ANTONIO, Tex.—83 KUAL-TV†; KENS-TV (C); KONO (A); WOAI-TV (N	325,400 ††
SAN DIEGO, Calif.—93	*307,800
KFMB-TV (CI; KOGO-TV (N) SAN FRANCISCO-OAKLAND, Calif.—90	1,379,400
KGO-TV (A), KPIX (C), KRON-TV (N), KTVU	040 400
SAN JOSE, Calif.—84 KNTV (A,C,N)	263,600
(See also Salinas-Monferey, Calif.) SAN JUAN, P.R.	††
WAPA-TV (A,N); WKAQ-TV (C)	.,
SAN LUIS OBISPO, Calif. (See Salinas-Monterey) SANTA BARBARA, Calif.—82	64,600
KEYT IA,C,NI	105 400
WSAV-TV (N,A); WTOC-TV (C,A)	105,400
SCHENECTADY-ALBANY-TROY, N.Y.—93 WRGB (N); WTEN (C); WAST (A)	**433,800
(WTEN operates satellite WCDC, Adams, Mass.)	
SCRANTON—WILKES-BARRE, Pa.—87 WDAU† (C); WBRE-TV† (N); WNEP-TV† (A)	†280,400
(Includes CATV Homes) SEATTLE-TACOMA, Wash.—90	*591,200
KING-TV INI; KOMO-TV (AI; KTNT-TV (C); KTVW; KIRO-TV (C)	7,1,101
SEDALIA, Mo.—88	27,300
KMOS-TV (A) SELMA, Ala.	†††
WSLA-TV	
SHREVEPORT, La.—78 KSLA (C); KTBS-TV (A); KTAL-TV (N) (Texarkana,	289,000 Tex.)
SIOUX CITY, Iowa—87	182,800
KTIV (A,N); KVTV (A.C) SIOUX FALLS, S.D.—79	**231,000
KELO-TV IC,AI; KSOO-TV (N,A) (KELO-TV operates boasters KDLO-TV, Florence, S.D. and KPLO-TV, Reliance, S.D.)	
SOUTH BEND-ELKHART, Ind.—69 WNDU-TV† (N); WSBT-TV† (C); WSJV-TV† (A)	†151,400
SPARTANBURG-GREENVILLE, S.C	
ASHEVILLE, N.C.—79	405,300
WSPA-TV (C); WFBC-TV IN); WLOS-TV (A); WIS	E.TV† †1

Market & Stations—% Penetration	TV Homes
SPOKANE, Wash.—80	281,300
KHQ-TV (N); KREM-TV (A); KXLY-TV (C) SPRINGFIELD, III.—77 WICS† (N)	**†142,400
(Operates satellite WCHU, Champaign, III.) SPRINGFIELD-HOLYOKE, Mass.—87 WHYN-TV† (A,C); WWLP† (N)	**†33 7,50 0
(WWLP† operates satellite WRLP† Greenfield, Mass. SPRINGFIELD, Mo.—81 KTTS-TV (C); KYTV (A,N)	112,700
STEUBENVILLE, Ohio—88 WSTV-TV (A,C)	342,400
STOCKTON-SACRAMENTO, Calif.—88 KOVR (AI; KCRA (NI; KXTV (C)	459,100
SUPERIOR, WisDULUTH, Minn.—85	154,000
WDSM-TV (N,A); KDAL-TV (C) SWEETWATER, Tex.—83	48,900
KPAR-TV (C) SYRACUSE, N.Y.—92	**472,800
WHEN-TV (A,CI; WSYR-TV (N,A) (WSYR-TV operates satellite WSYE-TV, Elmira, N.Y.) TACOMA-SEATTLE, Wash.—90 KTNT-TV (CI; KTVW; KING-TV (N);	*591,200
KOMO-TV (A); KIRO-TV (C) TALLAHASSEE, FigTHOMASVILLE, Go.—65 WCTV (C)	136,600
TAMPA-ST. PETERSBURG, Fla.—85	351,700
WFLA-TV (N); WTVT (C); WSUN-TV† (A) TEMPLE-WACO, Tex.—79	†223,100 128,000
KCEN-TV (N); KWTZ-TV IA,C) TERRE HAUTE, Ind.—92	199,200
WTHI-TV (A,C) TEXARKANA, Tex. (See Shreveport)	
THOMASVILLE, GaTALLAHASSEE, Fla. (See Tallo	
TOLEDO, Ohio—93 WSPD-TV (A,NI; WTOL-TV (C,N)	427,300
TOPEKA, Kan.—87 WIBW-TV (C,A,N)	119,500
TRAVERSE CITY, Mich.—86 WPBN-TV (N,A)	***46,500
(WPBN-TV operates S-2 satellite WTOM-TV, Chebo TROY-ALBANY-SCHENECTADY, N.Y.—93	**433,800
WRGB (N); WTEN (C); WAST (A) (WTEN operates satellite WCDC, Adams, Mass.)	***************************************
TUCSON, Ariz.—86	112,300
KGUN-TV (A); KOLD-TV (C); KVOA-TV (N) TULSA, Okla.—82	328,900
KOTV IC); KVOO-TV (N); KTUL-TV (A) TUPELO, Miss.—61	47,300
WTWV (N) TWIN FALLS, Idaho—77	26,400
KLIX-TV (A,C,N) TYLER, Tex.—73	108,000
KLTV (A,C,N) UTICA-ROME, N.Y.—94	150,500
WKTV (A,C,N) VALLEY CITY, N.D.—78	136,700
KXJB-TV (CI ISee also Fargo, N.D.)	
WACO-TEMPLE, Tex79 KWTX-TV (A,C); KCEN-TV (N)	128,000
WASHINGTON, D.C.—88 WMAL-TV (A); WRC-TV (N); WTOP-TV (C); WT	871,200 TG
WASHINGTON-GREENVILLE, N.C.—75 WITN (NI; WNCT (A,C)	180,100
WATERBURY, Conn. WATE-TV† (A)	††
WATERLOO-CEDAR RAPIDS, Iowa-90 KWWL-TV (N); KCRG-TV (A); WMT-TV (C)	304,600
WATERTOWN-CARTHAGE, N.Y. (See Carthage) WAUSAU, Wis.—87	121,600
WSAU-TV (A,C,N) WESLACO-HARLINGEN, Tex.—75	*76,400
KRGV-TV (N,A); KGBT-TV (A,C) WEST PALM BEACH, Fla.—79	87,300
WEAT-TV (A); WPTV (N) WESTON, W. Va.	†††
WJPB-TV (A) WHEELING, W. Va.—86	241,900
WTRF-TV (A,N) WICHITA-HUTCHINSON, Kan.—83	**304,000
KAKE-TV (A); KARD-TV (N); KTVH (C) (KAYS-TV, Hoys, Kon. satellite of KAKE-TV)	
WICHITA FALLS, Tex.—83 KFDX-TV (NI; KSYD-TV (C); KSWO-TV (A) (Low	139,300 tonl

WILKES-BARRE—SCRANTON, Pa.—87	†280,400
WBRE-TV† (N); WNEP-TV† (A); WDAU-TV† (C)	
Includes CATY Homes)	
WILLISTON, N.D.—56	18,700
KUMY-TV (N,A)	
WILMINGTON, N.C.—72	99,100
WECT (A,N,C)	
WINSTON-SALEM—GREENSBORO, N.C.—86	404,300
WSJS-TV (N); WFMY-TV (A,C)	
WORCESTER, Mass.	††
WWORT IN	
YAKIMA, Wash.—83	***†46,000
KIMA-TV† (C,N); KNDO-TY† (A)	
(KIMA-TV† operates satellites KLEW-TV, Lewiston, I	daho.,
KBAS-TV†, Ephrata, Wash., KEPR-TV†, Pasco, Wash	
KNDO-TV† operates satellite KNDU-TV†, Richland,	
YORK, Pa.—55	†40,500
WSBA-TV† (A)	
YOUNGSTOWN, Ohio—74	†172,500
WFMJ-TV†; WKBN-TV† (CI; WKST-TV† (A)	
(Includes CATV Homes)	
YUMA, Ariz.—81	28,700
KIVA (C,N,A)	
	119,300
ZANESVILLE, Ohio—77	117,300

- Market's coverage area being re-evaluated † U.H.E.
- †† Incomplete data.
- TT Incomplete data.

 ** U.S. coverage only.

 ** U.S. coverage only.

 ** Includes circulation of satellite (or booster).

 *** Does not include circulation of satellite.

 Market being held as it has reached 95% TV penetration.

TV MARKETS
1-channel markets132
2-channel markets69
3-channel markets54
4- (or more)- channel markets17
Total U.S. Markets





ONE YEAR, TWELVE ISSUES LATER

WITH this issue Television Magazine completes a year of operation under the ownership of Broadcasting Publications Inc. It seems a suitable occasion to borrow this page for a review of the magazine's progress.

A statement of purposes by the new management was carried in the January 1961 issue. In part it read:

"We intend it [Television] to be the kind of magazine that the subject of its interest deserves. Television—the art form, the divertissement, the business, the advertising medium, the communications force—deserves a magazine that provides thoughtful observation and perhaps a measure of help in the painful, fascinating, creative process of television evolution.

"In some respects television evolution proceeds almost too rapidly to be chronicled in orderly perspective. Programs are created and discarded, stars explode and fade, advertisers move into the medium and out of it, regulations and practices are shaped, reshaped, replaced in a bewildering profusion of restless change. Of hard necessity there are publications -and Television's associated magazine, the weekly Broadcasting, is their leader-that make it their job to keep abreast of the elements of change as they occur. They are news publications, and their function is indispensable, but they can do little more than stay even with the news. Rarely can they wade out of the mainstream long enough to study where the stream has come from or speculate thoughtfully about where it may lead.

"We count it Television's job to inspect television from a distance that will permit a broader view. As a monthly, Television can take the time to sort the significant from the superficial, the lasting from the transitory, the excellent from the commonplace."

Since the appearance of that statement we have had no cause to change our minds about the direction we set out to follow. Indeed, the soundness of our editorial aims has been confirmed by both quantitative and qualitative measurements.

In the 12 months of our operation paid subscriptions have tripled. They continue to come in—without artificial promotion—at a steady rate that indicates a growth curve of indefinite extension. The quantitative measurement of paid subscriptions would by itself be gratifying. We have additional grounds for encouragement in a qualitative survey of advertising agency readers that has recently been done (our advertising sales department will announce it shortly).

By a substantial margin Television was voted the preferred magazine among those of its general type for features, news in depth and editorials. It was also the majority choice for the magazine in which the agency respondents would prefer to have their names mentioned favorably or a by-line article published.

As editors, we are naturally cheered by such indications of endorsement. We take them as a mandate to do better what we originally set out to do. As was said in another part of our January 1961 statement of purposes:

"It is our intention to edit Television for an audience that comprises all people who contribute work or money to television and who are serious enough about it to spend an hour or two a month enlarging their knowledge of TV.

"It will be an audience with enlightened tastes, a strong sense of style, an eagerness to examine the new without summarily discarding the old.

"The magazine that serves that audience must have similar characteristics.

"Developing those characteristics will not be easy, but we think it can be done. The hard job of doing it will be made pleasurable by our association with the men and women who supply the creative leadership of television in all its astonishing diversities."

The past year of development has turned out as we predicted, full of hard work made pleasurable by good associations. We cannot close the year without a word of gratitude to all those who have given us their confidence.



WLBW TV

The *new* Channel 10 is now on the air

At 3:01 a.m. on November 20, the nation's newest television station signed on in the No. 1 market of the nation's fastest growing state.

Completely new, from latest RCA transmitter and associated studio equipment, to the most modern and strongest tower and antenna in Florida.

More than a year has been devoted to program planning and personnel training, to back up the audience-accepted schedule of ABC-TV's basic affiliation.

For availabilities, contact any H-R Television, Inc. office.

L. B. WILSON, Inc.

Sales Offices: 3898 Biscayne Boulevard • Tel. FR 4-2661 Studios: 2133 N.W. 11th Avenue • Tel. FR 3-4723 sunny channel



Charles II. Topmiller PRESIDENT-GENERAL MANAGER
Thomas A. Welstead VICE PRESIDENT—SALES

WLBW-TV MIAMI, FLA.

"MR. PEPPERMINT"—a wholesome children's hour exemplifies



Network caliber with the plus features that only local programming can provide! A brainchild of Jerry "Mr. Peppermint" Haynes and director Vern Dailey, this refreshing early morning children's hour has captured the fancy of the pre-school set to such an extent it whips all competition in every time period. When "Mr. Peppermint" makes personal appearances...clear the deck! When he endorses a product...his small-fry "Gumdrops" clear the shelves.

And it is all handled in best of taste. Special sets take them on cruises to far-a-way lands. His animal friends instill a love and understanding of nature. His affectionate manner endears all, including the mothers.

Yes, this one is available for spot carriers or segment sponsorship. If you want that "quality label" associated with your campaign just say, "Open Sesame, Mr. Petryman"!

