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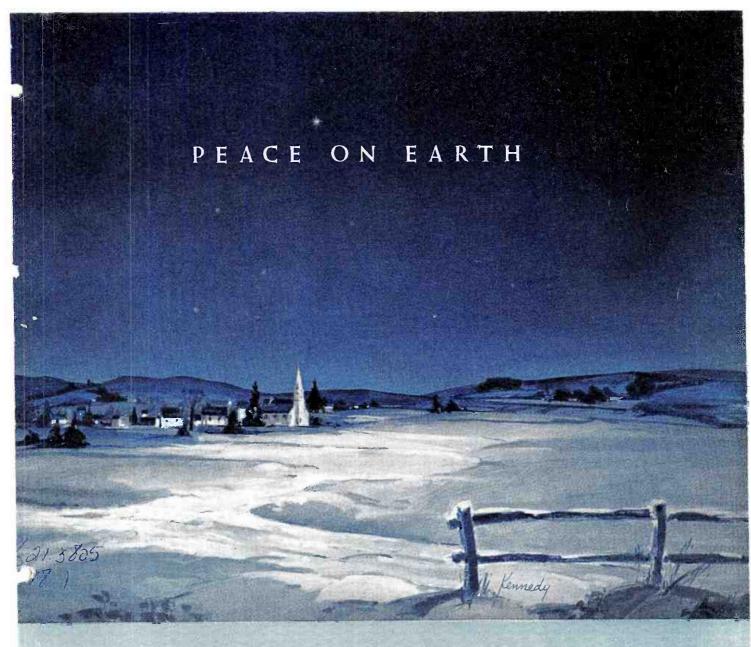
December	spot	TV	sales	moving	at brisker
pace than	last	year			27

FCC looking for face-saving plan in wake of commercial time hearing 38

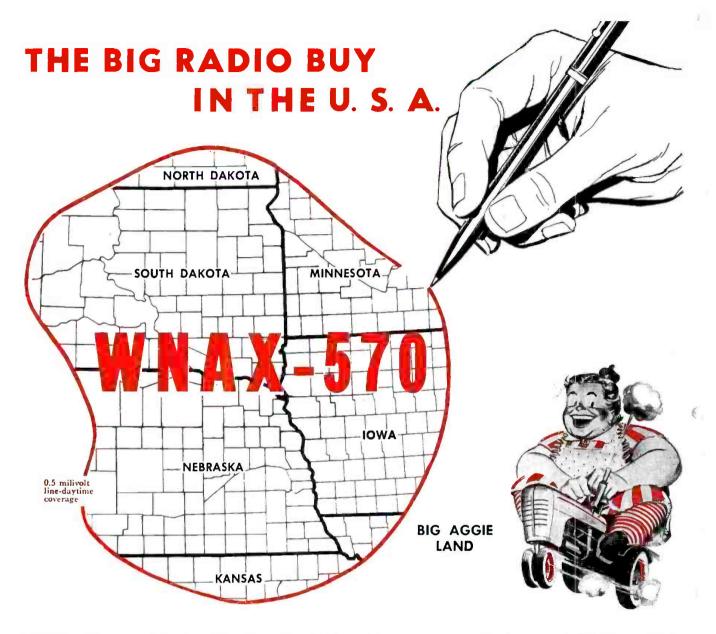
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down	rele	ased	by	Nielsen	9	4

NAB boards plan special meeting on status

COMPLETE INDEX PAGE 7



EDWARD PETRY & CO., INC.



Since 1922 the powerful voice of WNAX-570 has held the attention of folks throughout five-state Big Aggie Land. Personalities, News and Programming have made WNAX a great station . . . the tremendous area covered by this unique station makes it a great buy.

How great? Well, almost 4 million people live within the 0.5 milivalt line. Big Aggie Land residents last year had a total spendable income of over 7 billion dollars. Last year, too, retail sales exceeded 5 billion dollars. In all, there are 1,216,400 households in vast and prosperous Big Aggie Land. Naturally all of them are not WNAX fans. But we have our share! That's the tremendous share you get when you buy WNAX-570.

IT'S A FACT . . . YOU SELL FARM RICH BIG AGGIE LAND ON WNAX-570 . . . SEE YOUR KATZ MAN.

Season's Greetings



WNAX-570 CBS RADIO

PROGRAMMING FOR ADULTS OF ALL AGES

PEOPLES BROADCASTING CORPORATION
Sioux City, lowa, Sioux Falls and Yankton. South Dakola
Represented by Katz



In Boston

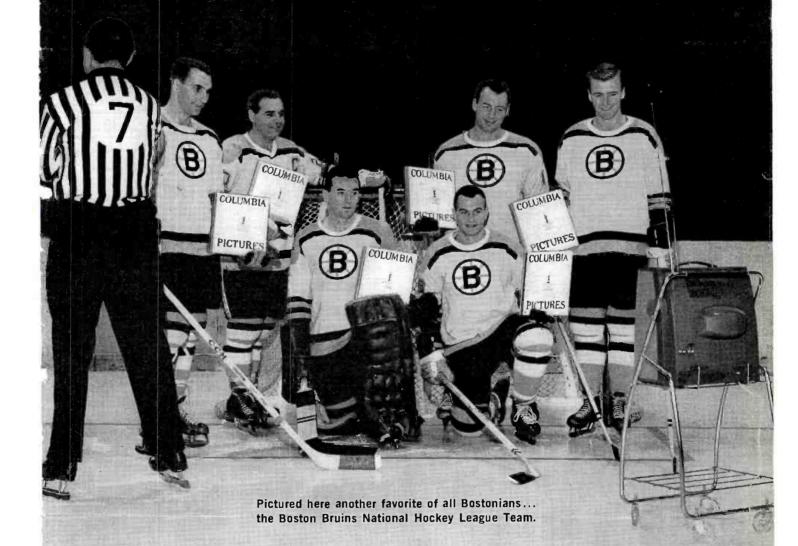
almost everybody

watches the

COLUMBIA

features

on WBZ-TV



The COLUMBIA features can be currently seen in more than 150 markets

SCREEN GEMS

GAL-1

steps to up your sales on

AUDIENCE

Potential customers for your product delivered on a mass basis,*

COVERAGE

Great, central-Pennsylvania market, known for continued economic stability.

MARKET

LOW COST PER DOLLAR

More families consistently reached than by all other stations located in the WGAL-TV area combined.*

RESULTS

Advertisers achieve sales results as proven by continuing renewal of contracts.

COLOR Only area station equipped to originate color. As NBC affiliate, it telecasts more color to an ever-growing audience.

MODERN FACILITIES

Latest, diversified facilities for future growth and expansion. Spacious studios, latest equipment, including two color tape recorders, color cameras, stand-by transmission units.

MULTI-CITY

VIEWER LOYALTY

Programming developed to meet the needs of its communities results in viewer loyalty to Channel 8.

PIONEER VHF STATION

better services.

*Statistics based on ARB data and subject to qualifications issued by that company, available upon request.

Established 1949, one of the first, WGAL-TV pioneers with new and

Channel Lancaster, Pa.

STEINMAN STATION . Clair McCollough, Pres.

BELLIFORTE READING HARRISBURG CARLISER LANCASTER PENSBURG YORK GETTYSBURG WESTMINSTER GRADE A 316,000

Representative: The MEEKER Company, Inc. • New York • Chicago • Los Angeles • San Francisco

Henry slows pace

As far as FCC Chairman E. William Henry is concerned commission won't start new projects in any broadcast area until existing backlog is cleared. And indications are that commission will be more deliberate in its actions, chastened not only by attitude of Congress as demonstrated by House Commerce Committee action last week to block rule limiting commercials but also by President Johnson's call for more cooperation rather than more controls by regulatory agencies (BROADCASTING, Dec. 9).

Little debate

As speculation mounts on whether President Johnson will choose to face his Republican opponent in televised joint appearances next fall, one source close to Democratic National Committee said last week decision has not yet been made. President has given committee no indication whatsoever on his plans for 1964, source says, and definitely has not stated what he'll do about TV meetings with opponent.

Both parties are wondering what provision networks may make for free time if they can't get both presidential candidates on joint appearances. Parties figure greatly increased costs without generous offer from networks, but networks face awkward problems without suspension of Section 315 (see page 54)—question President could resolve with one phone call to Representative Oren Harris (D-Ark.).

Don't write; phone

Clipped by FCC because of indiscriminate letter-writing on station license renewals, FCC staff lawyers now are calling Washington attorneys about purported inadequacies, particularly in relation to programing in prime time, of client stations under scrutiny. Check of Washington attorneys revealed several had noted increases in recent weeks in prime time programing calls, but some said there appeared to be easing off. One prominent attorney, however, charged such calls on renewals constitute circumvention of FCC's instructions.

Aftermath

"More than a dozen" members of Greater Columbia (S. C.) Chamber of Commerce have resigned in protest over civil rights speech delivered by LeRoy Collins, president of National Association of Broadcasters, two weeks ago at chamber's annual dinner meeting (BROADCASTING, Dec. 9; also see page 68). Chamber official said "reaction generally has been very bitter" and "we regret his choice of subjects." Official said, however,

CLOSED CIRCUIT-

there was no advance discussions with governor on subject of his talk, and chamber did not know what it would be until three hours before delivery.

Meagher leaving

John Meagher, vice president for radio of National Association of Broadcasters, has submitted resignation to take effect no later than next Feb. 1. Mr. Meagher has been NAB radio vice president for more than 9 years and before that was general manager of KYSM Mankato, Minn. He hasn't announced future plans.

Foul-up on fairness

After months of trying, FCC is still unable to agree on letter to CBS-TV on fairness doctrine question that was raised by dramatic show. Commission last summer received complaint from National Council of Claimants Counsel about Armstrong Circle Theater episode, "Smash-up," which dealt with fraudulent auto injury suits. NCCC said episode would tend to prejudice juries against claimants. CBS-TV, in commenting, said that because program was drama, fairness doctrine does not apply (Broadcasting, Sept. 16). Proposed reply was on commission agenda last week, but no agreement could be reached.

Particular episode poses no problem; commission doesn't suspect insurance companies were in collusion with CBS in production of program, and majority of commissioners, reportedly also are in agreement in rejecting CBS view that fairness doctrine can never apply to dramatic shows, except in extreme cases. But task of reducing this area of agreement to written word is so far defying agency.

Cross ownerships

Web of mutual fund investments in publicly held broadcast properties is beginning to be unwound by Metromedia (which was singled out under multiple ownership rules in recent transfer case [Broadcasting, Dec. 2]). MM investigators have found one fund with more than 1% interests in two national AM-TV networks and one major group owner, and second fund that has in excess of 1% interest in seven groups totaling 34 TV's, 31 AM's and 25 FM's.

Cinch case

Broadcaster accused of falsifying program logs is in danger of losing two AM stations, both located in South. Hearing examiner, in what some officials consider one of most

"open-and-shut cases ever to come before commission," has recommended non-renewal of one license, revocation of other. Commission reportedly directed staff to prepare order going along with this recommendation. Staff's draft is now before commission, awaiting final action.

Social note

Washington's Broadcasters Club will start New Year with legislative bang. On Jan. 14 organization is tentatively set to be host for reception for Senators Warren G. Magnuson (D-Wash.) and John O. Pastore (D-R.I.), respective chairmen of Senate Commerce Committee and its Communications Subcommittee. On Jan. 22 club hopes to entertain House opposite numbers: Chairman Oren Harris (D-Ark.) of Commerce Committee and Representative Walter Rogers (D-Tex.) of Communications Subcommittee.

Reason for waiting

Among reasons Senator Spessard Holland (D-Fla.) hasn't announced intentions to run again (and he's expected to) is requirement under Florida law that he must begin to keep accounting of campaign funds as soon as he announces. So, longer Florida candidate for federal office puts off announcement, more time he has before he must begin bookkeeping chores. Candidates in Florida must file by March 3 (see story page 68).

Catching up

FCC campaign to reduce backlogs is having effect on number of pending transfer cases. Staff, acting on wider authority given it by commission early in November (BROADCASTING, Nov. 11), managed to process 90 applications that month. Effect on backlog: reduced by 40 cases. Staff also reports it is getting "current," that is, starting processing of applications soon after they are filed. Until recently, months often elapsed. Officials' goal is to dispose of five applications each day, 100 per month.

Music merger

In negotiation is purchase of World Broadcasting System of Philadelphia, which produces wide range of music services for broadcast stations, by Commercial Recording Corp. of Dallas, also in music production. If deal goes through, both companies are likely to be merged into single entity that would be one of majors in field. John Coyle, principal in Commercial Recording and KVIL Dallas, is masterminding deal.



To our viewers whose expressions of appreciation for our weekend of service during the days of sadness and history are highly valued by the hundreds of employees who performed so unstintingly.

To our employees ... who worked night and day without a moment's thought about personal comfort or compensation to see to it that the viewers were continuously served.

To our networks whose incredible resourcefulness, effort, experience and good taste supplied coverage no single station or group of stations ever could have accomplished alone.

To our advertisers... who not only permitted, but urged, that we pay no heed to their commercial commitments, but serve the public first. Our particular thanks to those who have been generous and understanding in their approval of make-goods to help allay the tremendous financial loss incurred, and our understanding of those whose particular problems did not so permit.

						<u> </u>
LOS ANGELES	PHILADELPHIA	CLEVELAND	NEW YDRK	TOLEDO	DETROIT	CORRED
KGBS	H'IBG	14:714	WHN	IFSPD	WJBK	
MIAMI	MILWAUKEE	CLEVELAND	ATLANTA	TOLEDO	DETROIT	STORER BROADCASTING COMPANY
WGBS	WITI-TV	WJIV-TT	WAGA-TI'	W'SPD-TV	WJBK-TV	

WEEK IN BRIEF

Television spot buying in December moving better than year ago, BROADCASTING survey shows. Estimate that 70% of pre-emptions for Kennedy coverage will be recouped through make-goods. See . . .

SPOT TV PACE BRISKER ... 27

Top TV advertiser P&G flings gauntlet down to broadcasters; won't pay for spots placed in triple-spotting positions Compton advises reps make-goods or credits will be sought. See . . .

WON'T PAY WHEN TRIPLED . . . 28

Spot TV billings in third quarter up 23% to over \$185 million. TvB report indicates first nine months has reached \$628 million which is \$24 million above last year's period. See . . .

THIRD QUARTER SPOT TV UP ... 30

Advertisers want more creativity from their advertising agencies, NL&B survey finds. TV's effectiveness is praised, but agencies aren't expected to handle broadcast programing anymore. See . . .

MORE CREATIVITY WANTED . . . 34

FCC sits to hear arguments on proposal to limit commercial time, but hears virtually nothing but opposition. Instructs staff to drop idea, but continue case-by-case consideration. See . . .

UNHORSED IN CRUSADE ... 38

Collins's future may be on the line next month. Special meeting of NAB executive committee called by Quarton to consider recent speeches, also reports that NAB president desires to return to political arena. See . . .

WHAT TO DO ABOUT COLLINS ... 68

This may be TWTW for program forms. Commission expected to issue revised section for oral comments by industry at Feb. 13 hearing. Provision for listing of commercial time retained. See . . .

JUST AROUND THE CORNER ... 60

Does President Johnson have to be "like Caesar's wife?" Family ownership of TV-radio in Texas is questioned by Iowa congressman; "expose" written by Cowles reporter. See . . .

JOHNSON OWNERSHIP QUESTIONED ... 78

Commission issues proposals for CATV regulation via microwave licensing powers. Changes delay time from 30 to 15 days, but would still require local station to be carried on cable if requested. See . . .

EASES UP ON CATV...71

Television homes in continental U.S. are up by almost 1.5 million over last year; radio by over 750,000. Nielsen issues county-by-county estimates of television and radio homes. See . . .

RADIO IN 94: TV IN 92% OF HOMES . . . 94

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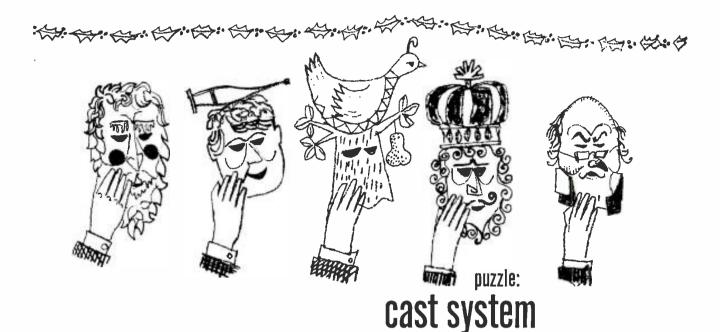


BROADCASTING

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In a warm flush of seasonal joie de vivre, the management of WMAL-TV gave a Christmas party. Five bonhomous staff members—Neal Edwards, Herb Victor, Bob Whiteley, Bob Livingston and Fred Houwink—elected to do their bit by giving a Christmas Masque. Since press of work prevented rehearsal, they confronted each other for the first time, masked and in full costume. Grandfather Frost entered, followed by someone who announced he was a partridge in a pear tree. Next came Scrooge, then Melchior, one of the Wise Men resplendent in his regal robes, and, lastly, Amahl, crutch in one hand, Martini in the other, demanding to know when night visiting hours started.

While each actor knew who he was (which was more than could be said for the audience), he wrongly assigned each of the four remaining roles to one of the others. No two actors attributed the same role to any other.

Livingston, for instance, thought Edwards was Melchior; Whiteley thought Houwink was Grandfather Frost and Livingston was Scrooge. Edwards identified Whiteley as Scrooge, while Victor thought Edwards was the partridge in the pear tree and Whiteley was Melchior.

Unmask these masked marvels. Tell us who each was and who Neal Edwards thought Fred Houwink was playing. We'll make it worth your while.

The season quite o'ercomes us, too—we'll skip the commercial. If you haven't bought WMAL-TV for your clients, we're too late to help you with this year's bonus anyway. Try us again next year. Check Harrington, Righter & Parsons, Inc. for availabilities.

Puzzle adaptation courtesy Dover Publishing Co. New York, N. Y. 10014. Address answers to: Puzzle #94, WMAL-TV, Washington, D. C. 20008.

wmal-tv

Evening Star Broadcasting Company WASHINGTON, D. C.

Represented by: HARRINGTON, RIGHTER & PARSONS, Inc.

AT DEADLINE

Collins defends his speech to churchmen SAYS IT'S HIS DUTY TO EXPOSE BROADCASTING'S EVILS

Broadcasting's faults should be "specifically identified" and "not vaguely treated," LeRoy Collins, president of National Association of Broadcasters, has written NAB board in defense of his speech two weeks ago before National Council of Churches.

Governor Collins position was given in reply to letter from Willard Schroeder, wood Grand Rapids, Mich., criticizing governor's comments on cigarette advertising before council (see page 68). Mr. Schroeder also asked NAB president why he did not devote more of his speech to controversial NCC pronouncement on TV programing.

"I think it is no less my job as president of the NAB to encourage the best and discourage the worst in broadcasting," Governor Collins told Mr. Schroeder in a letter also sent to all board members. "This means I must acknowledge that there are areas which should be improved and these areas should be specifically identified not vaguely treated," he said. NAB president said it is his duty to speak out and expose evils in broadcasting.

Governor Collins said he had received much encouragement from advertisers and agencies for his specific criticism of Lucky Strike commercials (BROADCASTING, Dec. 2).

NAB president pointed out that meeting had been scheduled between NAB and NCC for Dec. 9 to discuss church pronouncement and that it seemed "unwise" to criticize council shortly before meeting. He said his "temperate approach" was more successful and church leaders had told him so.

He said NAB is inclined to feel that there will be modification in church statement and that "delicate negotiations" are moving very well.

(Council postponed last Monday's meeting less than 48 hours before it was to begin and church spokesman said Friday it will be rescheduled for early in February. Meeting was canceled when church leaders were summoned to White House as members of Presidential Religious Advisory Committee. Council has called for FCC regulation of commercial announcements and direct regulation of networks.)

No code relaxation for holidays—Bell

In statement to members and code subscribers, National Association of Broadcasters Code Director Howard Bell said code time standards would not be waived as reported in Dec. 9 CLOSED CIRCUIT.

Magazine had reported NAB would not enforce time maximums during Christmas season because of many make-goods following four-day coverage of presidential assassination when commercials were canceled. "There will be no relaxation of established standards, either in interpretation or enforcement," Mr. Bell said in NAB Highlights newsletter to member stations.

He said published report that there would be relaxation was unfair and that magazine had been told this was case before item was printed. NAB officials were afraid of FCC and congressional reaction to report. BROADCASTING'S original item had said report would not be confirmed by NAB.

Assassination weekend cost CBS \$4 million

Cost to CBS for coverage of events surrounding assassination of President Kennedy totaled \$4 million and cost to network's radio-TV affiliates was "about as great," according to letter distributed to employes by Dr. Frank Stanton, CBS president.

Cost figures supplied by Dr. Stanton included expenditures for coverage and loss of revenues. He noted that more than 660 CBS staffers worked throughout government crisis.

FCC denies waiver to Austin CATV group

FCC by 6-1 vote has denied request of community antenna television system for permission to duplicate programing of KTBC-TV Austin, owned by LBJ Co. Commissioner Lee Loevinger dissented. Mrs. Lyndon B. Johnson had transferred her majority stock interest in company to trusteeship (BROADCASTING, Dec. 9).

FCC action was in order denying TV Cable of Austin's request for waiver of condition which requires CATV system to obtain permission of local station before duplicating its programing. Unless permission is granted, station must wait 30 days (altered to 15 days by announced CATV rulemakings, story page 71) before carrying same program.

FCC noted that some 15 other CATV systems had accepted condition, as had Austin firm, and said it doesn't believe

it should grant exceptions.

TV Cable had asked for waiver on ground that there is competing CATV system, Capital Cable, in Austin, which is not protecting KTBC-TV. Capital Cable is operating by cable and, rather than microwave, is outside FCC's jurisdiction.

Esty gets Fab; 2 new C-P items to Bates

Colgate-Palmolive has assigned agencies to three new products and switched one account—Fab laundry detergent. Fab will transfer effective Jan. 1—from Ted Bates, New York, to William Esty, that city. Television Bureau of Advertising reported gross time TV billings for Fab for first three quarters of 1963: network, \$1,362,500; spot \$1,-271,600.

Colgate stressed that Fab switch was unrelated with announcement of new products: Colgate mouthwash, Palmolive liquid detergent, both assigned Bates, and Ajax detergent, assigned to Norman, Craig & Kummel, New York.

Bates said Friday (Dec. 13) that advertising plans for its products have not yet been completed. Fab's new advertising will include radio and TV, it was said. Colgate announced, meanwhile, that multimillion-dollar national introductory campaign will be launched in support of Ajax. Campaign, which will feature white knight as symbol of product strength, will include heavy network and spot TV use.

Elgin shifts watches

Elgin National Watch Co., New York, has appointed Lawrence C. Gumbinner Advertising as agency for its watch line, effective Jan. 1. Former agency handling estimated \$1.5 million

Baker probe may be on TV

Television coverage will be permitted Tuesday (Dec. 17) when Senate Rules and Administration Committee holds first public session in its so-far closed-door proceeding on outside business activities of Robert G. (Bobby) Baker, former majority Secretary of U.S. Senate. Word came Friday (Dec. 13) from Senator B. Everett Jordan (D-N. C.), chairman, and marked first time that committee has given permission for broadcast coverage. Networks requested opportunity when hearing began earlier this fall.

WEEK'S HEADLINERS

George B.
Storer Jr., president of Storer
Broadcasting Co.,
Miami, appointed
chairman of steering committee of
National Association of Broadcasters-Radio Advertising Bureau,
that will conduct
\$200,000 study



Mr. Storer

of radio research field (see story, page 51). Mr. Storer, who was not member of committee, will direct joint investigation sponsored by both organizations.





Mr. Goshen

Mr. Slate

Sam J. Slate, VP of CBS Radio and general manager of WCBS-AM-FM New York, resigns, effective Jan. 3, to accept newly created post of executive VP of RKO General Broadcasting. Jerome Bess will continue, however, as executive VP in charge of operations. According to Hathaway Watson, president of RKO General Broadcasting, Mr. Slate will devote his efforts to long-term planning, government and industry relations, and program development. Ralph W. Goshen, WCBS-AM-FM general sales manager since 1959, elected VP and general manager, effective Dec.

30, replacing Mr. Slate. Jacques Biraben, VP in charge of sales for RKO General-owned wor-AM-FM New York. assumes added duties as sales chief for WOR-TV. Burt Lambert, currently VP in charge of sales at wor-TV, appointed VP and director of sales planning for WOR-AM-FM-TV. Thirty-year veteran of broadcast field, Mr. Slate originally joined CBS in 1933 in news and press department. He served as program director of BBC's New York office for six years (1945-51) before returning to CBS in 1951 as program director of WCBS and was appointed general manager in 1957. RKO General Stations are WOR-AM-FM-TV New York: WNAC-AM-TV and WRKO-FM Boston; CKLW-AM-FM-TV Windsor, Ont.-Detroit, Mich.; KFRC-AM-FM San Francisco; WGMS Bethesda, Md., and WGMS-FM Washington, and WHBQ-AM-TV Memphis, Tenn.

Earl G. Johnson, general manager of Midwest division of Pepperidge Farms Inc., Norwalk, Conn., joins American Marketing Association, Chicago, as executive director, effective Jan. 2. Over 300 applicants for AMA post were screened in past two months.





Mr. Bowen

Mr. Cuddeback

John S. Bowen, Alva C. Cuddeback, Michael G. Turner and Robert F. Young, all VP's of Benton & Bowles, New York, appointed VP-management supervisors. Mr. Bowen, who joined B&B in 1959 as account executive and became VP on Crest tooth paste account in 1961, now has responsibility for Procter & Gamble toilet goods account. Mr. Cuddeback has been named director of B&B's Texaco account. He joined agency in 1958 as account exec-





Mr. Young

Mr. Turner

utive on General Foods and was elected VP in 1962. Mr. Turner, with B&B since 1950, joining as assistant account executive and reaching vice president position in 1959, will head newly acquired Eastern Air Lines account. Mr. Young will be responsible for B&B's Instant Maxwell House and Gaines accounts. He joined agency in 1956 as account executive and was elected vice president in 1960.

Armando M. Sarmento, president of McCann-Erickson International since 1959, elected president of McCann-Erickson Inc., New York. He assumes duties being relinquished by Emerson Foote, who has been both president and chairman and continues in latter position. Mr. Sarmento joined M-E as assistant manager of Rio de Janeiro office in 1935 and has served agency continuously in various executive posts.

For other personnel changes of the week see FATES & FORTUNES

account was McCann-Marschalk, New York. McCann-Marschalk, however, continues as agency on Elgin's hour special on NBC-TV Feb. 20, A Wild Winters Evening, starring comedian Jonathan Winters.

AP admits it erred in story on Collins

Associated Press lead on speech National Association of Broadcasters President LeRoy Collins delivered before Columbia, S.C., Chamber of Commerce (BROADCASTING, Dec. 9) was "off base," according to AP executive.

John Aspinwall, AP radio-TV news editor, said that text of speech does not bear out news service lead saying NAB president "blamed the climate of violence in the South for President Kennedy's assassination." He said nature of governor's remarks "obviously was such as to require the most careful handling. The incident constitutes an object lesson and will be pursued with our Charlotte [N. C.] bureau" which handled speech, Mr. Aspinwall said.

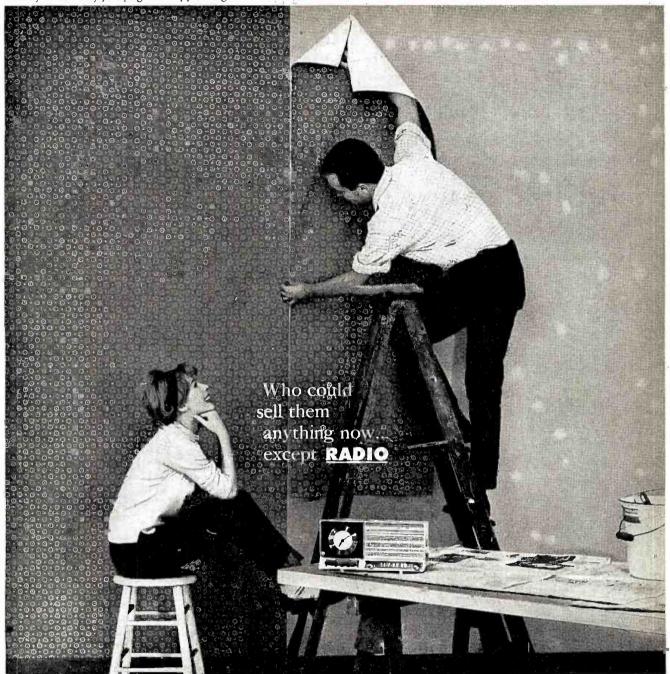
His comments were made in letter replying to Harold Essex, president of wsjs-AM-TV Winston-Salem, N. C.

On Friday, Senator Strom Thurmond (D-S. C.), member of Senate Communications Subcommittee, attacked Governor Collins's Columbia speech: "For one who professes to abhor the emotion of hate Mr. Collins proves himself singularly adept at verbally purveying this most violent emotion."

Fairness, editorials to get another look

House Communications Subcommittee endorsed editorializing in report released Friday (Dec. 13). Subcommittee, which held hearings on subject this summer and fall, announced plans to look further into problems in fairness and editorializing raised at those sessions (story page 56).

Report asks FCC's assurance that "no action will be taken . . . against any broadcast licensee resulting in license revocation or denial of license renewal" as result of fairness doctrine application. Commission has never taken such action, it says.



but make sure it's

MAJOR STATION RADIO

With almost 4,000 radio stations on the air today, how you choose and how you use "The Companion Medium" is more important than ever before.

Your first guide to effective selection is the difference between ordinary radio and great station radio—the difference between the relatively few major stations and the thousands of ordinary stations. These are the basic criteria that best identify the major station:

- It has capable management that creates confidence.
- It serves a major market.
- It has superior facilities—a frequency and power that reaches out.
- · It devotes major effort to public service.
- It features full range programming designed for the adult audience.

Stations selected on this basis give you RADIO at its best.

HENRY I. CHRISTAL CO., INC.

NEW YORK - CHICAGO - DETROIT - BOSTON - LOS ANGELES - SAN FRANCISCO - ATLANTA - ST. LOUIS

THESE RESPONSIBLE STATIONS DELIVER RESPONSIVE AUDIENCES

KFI Loo Angeles WHAS Louisville

KOA Denver WJR Detroit
KWKH Shreveport WPTF Releigh

WAPI Birmingham WSM Nashvillo

WBEN Buffelo WSYR Syrecuse
WGY Scheneclady WTAG Worcester

WHAM Rochester WTIC Hertford

WTMJ Milwaukee



NBC Television is not the only network that designs a program schedule for a wide range of interests. It is not the only network that unhesitatingly interrupts the regular broadcast schedule to present frequent programs of special significance.

For the NBC Radio network does these things, too. In more than 33 hours of weekly service to nearly 200 stations, NBC Radio reflects the responsibility and creative excellence of its TV counterpart.

Its news coverage, for example, is furnished by the same, award-winning NBC News team. Chet Huntley, Frank McGee, Edwin Newman and Martin Agronsky are among those who contribute to more than 150 regularly scheduled news and information programs each week (more than any other radio network). In addition, more than 200 hours of special programming have been devoted to coverage of leading world and national news developments so far this year.

NBCRadio's unique *Monitor* entertains and informs the nation's weekend listeners with its diverse parade of music, comedy vignettes, sports events, interviews and around-the-globe special features.

Wide acclaim has greeted such imaginative programs as Experiment In Drama ("...splendid examples of the skillful use of radio"—N. Y. Herald Tribune) and Toscanini—The Man Behind The Legend ("...a program indeed worth listing as a radio special"—N. Y. Journal American).

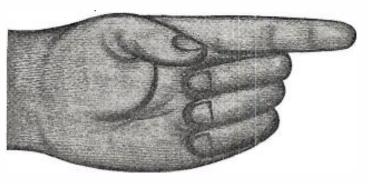
Broadcast annually by NBC Radio are the nation's leading sports events, including the World Series, the Rose Bowl, the NFL Playoff, and the National Singles tennis tournament from Forest Hills.

Rewarding as all of this may be to listeners, it is just as pleasing for sponsors. That's why—year after year—they spend more advertising dollars on NBC than any other radio network. Orders already placed for 1964 are running well ahead of 1963's record-breaking sales pace.

Obviously, the achievements of this "other network" are quite satisfying to us. But, to be perfectly

candid, it would be more than just a bit embarrassing if NBC couldn't operate a radio network successfully. This is where the whole idea started.





THE OTHER NETWORK

BETWEEN AVAILS

We're out selling between buys ...not just when avails are submitted. We know every personality on the stations we rep, and why local accounts use them.

Our salesmen visit our stations.

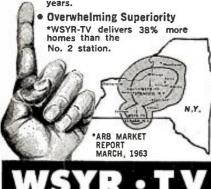


11 WEST 42nd STREET, NEW YORK 36, N. Y. CHICAGO LOS ANGELES SAN FRANCISCO

FIRST EVERY DAY

and here's why...

- Exciting Local Programming
 News, music, documentaries that actually out-rate network shows.
- Great TV Personalities
 Hard-selling WSYR-TV personalities, "Central New York's greatest salesmen," at work from before sun-up to signoff.
- Best Technical Facilities
 First in Central New York with color, videotape, completely equipped TV center, and the only channel with maximum power at maximum height.
 - Experience and "Know-How"
 A veteran staff directed by executives averaging more than 20 years.



Chanuf 3 · STRACES, N. Y. · 100 KW

Got the Foll Stoly from HARRINGTON, RIGHTER & PARSONS

DATEBOOK

A calendar of important meetings and events in the field of communications.

Indicates first or revised listing.

DECEMBER

Dec. 16—Hollywood Ad Club Christmas party, Hollywood Palladium. Tickets are \$6.50 each. For further information, write: HAC, 6362 Hollywood Blvd., Hollywood 28.

■ Dec. 16—Broadcasting Executives Club of New England Christmas party, Sheraton Plaza hotel, Boston.

Dec. 16—Deadline for the return of FCC questionnaires by the Pacifica Foundation attesting to the political loyalty of the foundation's directors and other officials.

Dec. 17—International Radio and Television Society Christmas party, Grand Ballroom, Waldorf-Astoria, New York.

- Dec. 17—National Collegiate Athletic Association television committee meets in New York with the three networks to consider bids for a new two-year pact. CBS-TV's \$10.2 million contract expires this year.
- Dec. 18—Annual stockholders meeting, Columbia Pictures Corp., New York.
- Dec. 27-28—Annual winter conference of the American Marketing Association, Somerset hotel, Boston.

JANUARY 1964

Jan. 1—New FCC engineering rules requiring that third-class radio-telephone operator be present for routine transmitter operation if first-class operator is employed parttime.

Jan. 3—Comments due on proposal to authorize on regular basis operation of Midwest Program for Airborne Television Instruction Inc. (MPATI) and to allocate six UHF channels for the purpose.

Jan. 3—Comments due on proposed expansion of UHF table of assignments.

- Jan. 6—North Carolina AP Broadcasters Association, High Point, N. C.
- Jan. 6—Hollywood Ad Club luncheon meeting, 12 noon, at Hollywood Roosevelt. James Nelson. creative vice president of Hoefer, Dieterich & Brown, San Francisco, will speak on "My Son, the Creative Di-

Jan. 8—Newsmaker luncheon, International Radio & Television Society, Grand Ballroom of Waldorf Astoria, New York, News analysis and forecast by a panel of Chet Huntley, Walter Cronkite and Ron Cochran.

Jan. 10-11—Arizona Community Television Association meeting, Ramada Inn, Scottsdale, Ariz. Anyone interested in CATV and allied fields is welcome to attend. For additional information contact Arlo Woolery, KSUN Bisbee, Ariz., ACTA president.

■ Jan. 13—Annual winter meeting of the Rhode Island Association of Broadcasters. Place to be announced.

Jan. 14—Meeting of Hollywood chapter of National Academy of Television Arts and Sciences to discuss subject of pay TV. Place to be announced.

Jan. 17—Franklin Day banquet of Poor Richard Club, Bellevue Stratford hotel, Philadelphia. Leonard Goldenson, president of American Broadcasting-Paramount Theatres Inc., will receive club's Medal of Achievement citation.

■ Jan. 17—Board of directors meeting of the Association of Maximum Service Telecasters (AMST), Diplomat, Hollywood, Fla. (postponed from Dec. 5).

Jan. 17—New York chapter of National Academy of Television Arts and Sciences

honors Jackie Gleason at its annual "closeup" dinner and show, Americana hotel, New York. Alan King is master of ceremonies.

Jan. 17-18—Midwinter meeting of Oklahoma Broadcasters Association, Enid. Paul Comstock, National Association of Broadcasters vice president for government affairs, will be featured speaker.

■ Jan. 20—Hollywood Ad Club luncheon meeting, 12 noon, at Hollywood Roosevelt. Richard Dinsmore, vice president and general manager of Desilu Sales, will speak on the foreign market for American TV programs.

Jan. 21-23—National Religious Broadcasters convention, Mayflower hotel, Washington.

Jan. 21-23—Nineteenth annual Georgia Radio-TV Institute, co-sponsored by the Georgia Association of Broadcasters and the Henry Grady School of Journalism. University of Georgia, Athens.

Jan. 24-26—Mid-winter convention of the Advertising Association of the West, Bakersfield, Calif.

Jan. 24-26—American Women in Radio and Television board of directors meeting, Hilton hotel, New York.

Jan. 27-31—Annual winter meetings of National Association of Broadcasters' radio, television and combined boards, Far Horizons hotel, Sarasota, Fla.

Jan. 31-Feb. 1—Seventeenth annual convention of the South Carolina Broadcasters Association, Jack Tar Poinsett hotel, Greenville, S. C.

FFBRUARY

meeting, 12 noon, at the Gaslight Club. Burton Brown, Gaslight Club president, will speak on the role of advertising in promoting his chain of clubs.

Feb. 3-5—Second annual Electronic Marketing Conference of the Electronic Sales-Marketing Association (ESMA), Barbizon Plaza hotel, New York.

Feb. 4-5—Annual Advertising Federation of America government conference in Washington. Highlight will be breakfast session during which top industry official will present advertising's side to congressmen. U. S. Chamber of Commerce will be host Feb. 5-6 at public affairs conference.

Feb. 5—Newsmaker luncheon, International Radio & Television Society, Grand Ballroom of Waldorf Astoria, New York. National Association of Broadcasters President LeRoy Collins is speaker.

■ Feb. 5-6—Third annual Association Public Affairs Conference of U. S. Chamber of Commerce, Sheraton-Park hotel, New York. Governor Nelson Rockefeller will speak at the Feb. 6 luncheon. Other conference speakers include Senators Everett Dirkson (R-III.), Philip Hart (D-Mich.), and Roman Hruska (R-Neb.); William Miller, chairman of the Republican National Committee, and Paul Rand Dixon; chairman of the Federal Trade Commission.

Feb. 5-6—Legislative dinner and mid-winter convention of the Michigan Association of Broadcasters, Jack Tar hotel, Lansing.

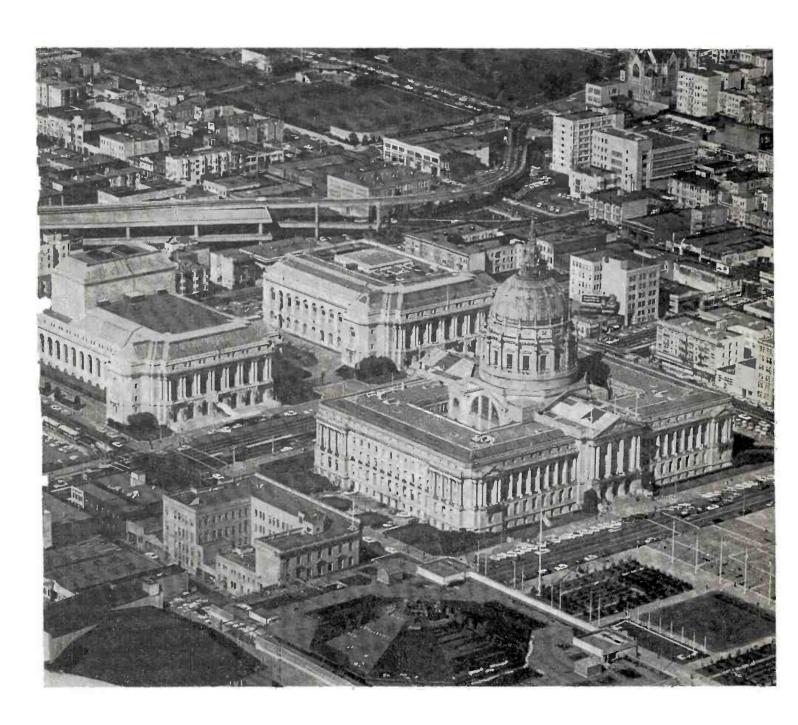
Feb. 5-7—National Winter Convention on Military Electronics, Ambassador hotel, Los Angeles. C. D. Perrine, executive vice president of General Dynamics/Pomona, is convention chairman.

Feb. 6—Minnesota Associated Press Broadcasters Association meeting, Minneapolis.

Feb. 8-16—International TV and Equipment Market, Lyons, France.

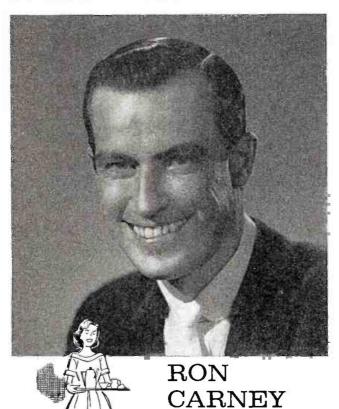
Feb. 14—Annual Valentine's Day Ball of Hollywood chapter of National Academy of Television Arts and Sciences. Place to be announced.

If you lived in San Francisco...



... you'd be sold on KRON-TV

PERSONALITY PORTRAIT



WAPI's personality plus, Ron Carney! Ron's quick wit and masterful adlib ability make every air minute "fun time, Carney style." Better still, Ron's delightful Happy Housewife Club with 10,000 card-carrying members makes apron-wearing a pleasure for thousands of Alabama housewives . . . profitable, too. Take a stock of carefully selected popular albums . . . an always increasing listening audience . . . a soft spoken young man with an imagination that reaches from "the breaking point to the twilight zone" . . . add WAPI RADIO, and you've got Birmingham's better blend of listening pleasure.

API-RADIO

50.000 WATTS BIRMINGHAM, ALABAMA

WAPI radio represented by Henry I. Christal Company, Inc.

OPEN MIKE ®

Van Horne was confused

EDITOR: Recently I was very disturbed by a column published in our local Scripps-Howard paper, The Indianapolis Times. The column was written by Miss Harriet Van Horne. . . . I have attached a tear sheet of the column along with my response to R. K. Shull, radio-TV editor of the Times:

"Dear Mr. Shull: It seems that each time you go on vacation your paper fills your column space with the wretched work of Harriet Van Horne. . . .

"In this particular column Miss Van Horne is guilty of the common, but reprehensible, fault of quoting out of context and falsely attributing statements and comments to another medium. Miss Van Horne describes Broadcasting magazine (accurately) as the unofficial spokesman of the broadcasting industry. She then implies that the magazine made editorial comments to the effect that 58% of the American public desires legislation to control television commercials. She further printed quotes attributed to BROADCASTING that in reality were printed by that magazine in a review of an article written by her fellow journalist Jack Boyle (BROADCASTING, Dec. 2). It actually was Mr. Boyle's column that contained the information about the proposed legislation.

"Irresponsible journalism isn't Miss Van Horne's only mistake in this particular column however. . . ."-Eldon Campbell, vice president and general manager, The WFBM Stations, Indianapolis.

A \$31,600 discrepancy

EDITOR: I don't know where you got the information that the purchase price for WEW St. Louis is \$500,000 (BROAD-CASTING, Nov. 25). It is \$468,400, which includes the assumption of the

existing mortgage.

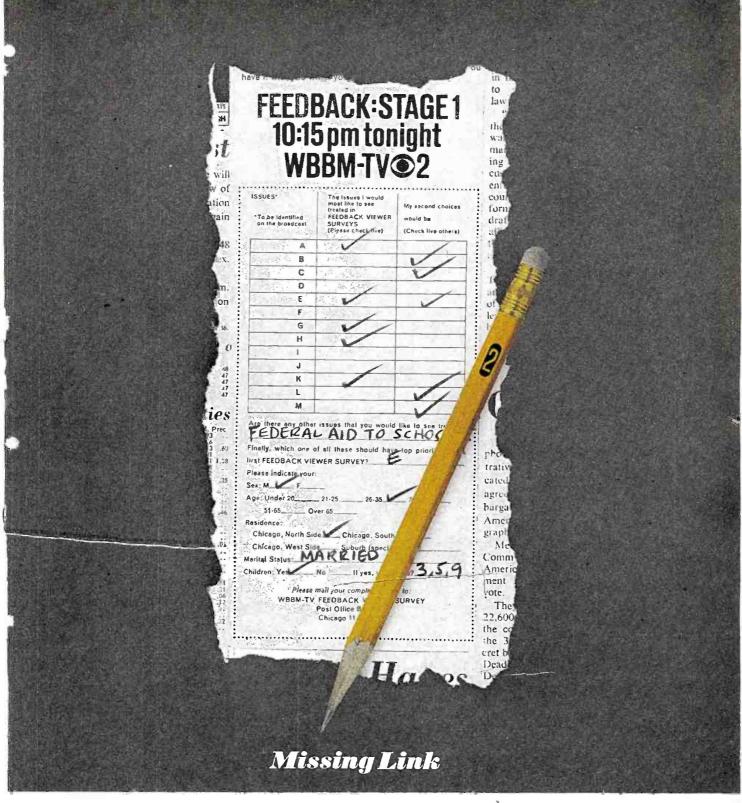
The statement that Franklin Broadcasting Co. has disposed of all of its radio stations is totally incorrect, as only one station has actually been disposed of. The others are still owned by Franklin, even though the sales are pending.—Alvin Koenig, chairman of the board, Franklin Broadcasting Co., New York.

(The \$500,000 figure was taken from a news release issued by one of the parties to the transaction.)

Clarification of facts

EDITOR: I read with considerable interest your lead story "The new life in old film (Broadcasting, Dec. 9). But I must point out that there are certain facts that should be clarified.

1. Pathe News Inc. and Sherman



Until recently there was no direct connecting link enabling Chicagoans to vote en masse for what they want to see on their favorite station. *Now* there is.

Via a specially-prepared program, "Feedback: Stage One," WBBM-TV audiences were asked to name community issues they most urgently want explored on future public affairs programs. To facilitate returns, special "Feedback" write-in ballots appeared in six Chicago-area papers. Response was tremendous.

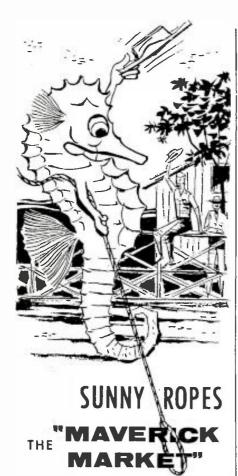
Nearly 10,000 viewers filled in and returned ballots. As a direct result, on November 18 Channel 2 aired "Feedback: The Race Dialogue." And

"Feedback: The Race Dialogue." And response was even more tremendous.

Within 48 hours alone, some 25,000 Chicago viewers had written WBBM-TV to comment on the program. Future broadcasts will cover such runner-up topics as medical care for the aged, crime in Chicago, taxes, schools, birth control and the Test Ban Treaty.

This successful experiment in large-scale two-way communication accomplishes a dual purpose. It keeps WBBM-TV in closer touch with all segments of the far-reaching Chicago community. And thus guarantees that audiences seeking local programming that exactly matches their tastes, and answers their needs,

WBBM-TV©2 will continue to keep in touch with Channel 2—CBS Owned WBBM-TV.



Sunny ties up what the "Sunshine State's" business magazine, Florida Trend. cites as "FLORIDA'S MAV-ERICK MARKET."

WSUN's home county has the nation's highest incidence of auto and stock ownership; brain power industries; high discretionary income . . . Florida's 2nd market should be 1st on your list.

WHAT A MARKET. AND SUNNY SELLS IT!



Grinberg Film Libraries Inc. each owns and controls 50% of the Pathe Newsreel Library. Grinberg has the right to lease and sell the stock footage, subject to the payment to Pathe News Inc. of a specified monthly fee.

2. Pathe News has the right to produce any type of programs from the Pathe News Library and it, alone, has the use of the name and trademark in its productions. In its planned productions, Pathe News will utilize the Pathe footage in large part, though, of course, it will use needed footage from other sources also.

These omissions do not detract from the value of your informative and comprehensive article, but I do want to set the record straight.-Joseph P. Smith, president, Pathe News Inc., New York.

(BROADCASTING did not intend to suggest Pathe Newsreel Library, but pointed out that its productions will use footage from a number of sources.)

Uncommissioned research

EDITOR: First let me thank you for the coverage given my talk on the Negro market (BROADCASTING, Dec. 9).

But I must hasten to correct an erroneous statement of facts relating to research studies on the Negro market that I quoted from.

I refer specifically to the study by the Center for Research in Marketing. Bernard Howard & Company did not commission the center to prepare a study. The data . . . which I quoted was from the center's third study, "The Dynamics of Purchase Behavior in the Negro Market." The findings that I quoted were released to us, at my request, after [it] had been publicized at a [news] conference. The reference to the center, as reported in your article, tends to misconstrue Bernard Howard & Company's participation in their over- . EDITOR: I wonder: Do the jurists who all research project.-Bernard Howard, president, Bernard Howard & Company, New York.

Concurrence and a reminder

EDITOR: The Dec. 2 editorial, "In days of anguish, a lesson learned," on the performance of radio-television (following the assassination of John F. Kennedy) is one of the most outstanding I have read. In fact, I want to have it framed. . . .

Many stations would welcome this printed on suitable paper for framing-Wayne Cribb, national sales manager, Lee Stations, Quincy, Ill.

(Reprints, suitable for framing, are avail-

EDITOR: I wish to take issue with one paragraph in your otherwise excellent Dec. 2 editorial. I refer to: "The homogenizing force of television, which alone among the communications media can convey to people the presence of

events as they occur, was never more clearly demonstrated." I wish to point out, and I am sure you agree, that radio just as well as television can be, and in this case was, on the scene broadcasting immediate details.

In fact, many times radio, because of its increased portability, is more immediate than television.—Lowell Green, chief news editor, CFRA-AM-FM Ottawa, Ont.

EDITOR: . . . One thing is certainbroadcasters covered themselves with glory during our national emergency .-Milton J. Shapp, Suburban Station Building, Philadelphia.

EDITOR: Among the many letters we've received and which we have, of course, sent along to the networks is this moving commentary from Mrs. L. E. Alford, Box 189, Kissimmee, Fla.

"Dear Sir: For some time I've wanted to express appreciation to the cameramen of television, but did not know just where to write.

"... I am a totally deaf housewife and that limits me in many ways. But some programs on TV lift me to faraway places and into experiences I'd never have otherwise. The actors and script writers are important, but the way the camera is used is truly inspiring at times.

"They were especially tasteful in the long weekend of President Kennedy's death and burial. It was difficult to do, and I thought over and over how well a certain scene was done. Please convey to them my very warm appreciation of their labors and results to the public."-Roy Danish, director, Television Information Office, New York.

A germane question

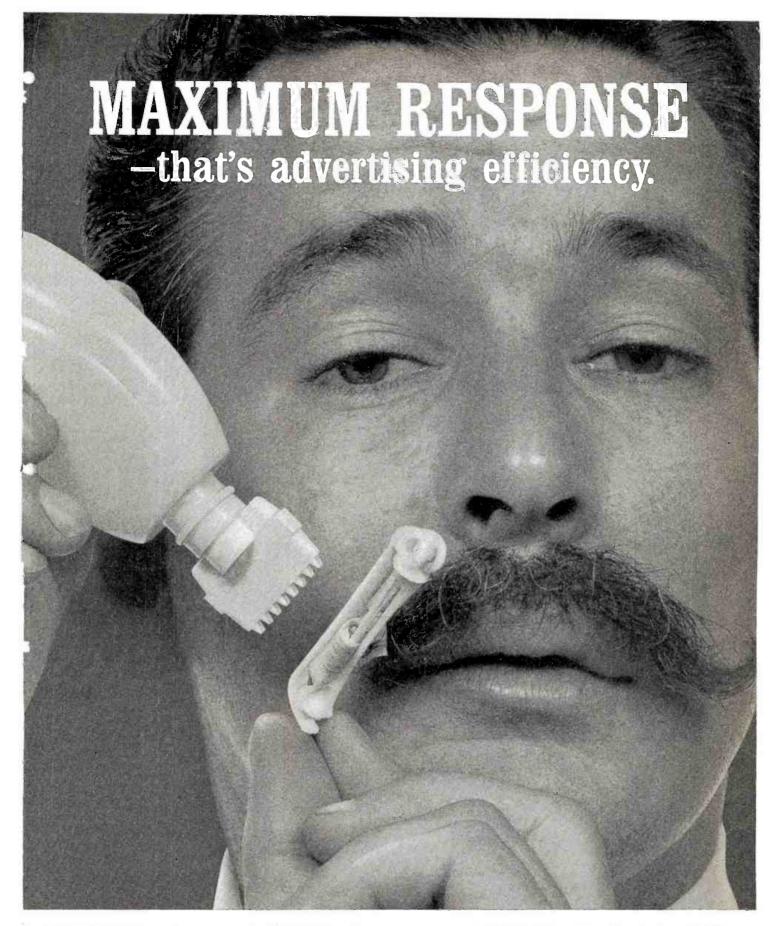
heard and watched our industry's dignified and sensitive coverage of President Kennedy's funeral feel their courtrooms are more sanctified than St. Matthew's Cathedral?—Dwight D. Seely, operations manager, kvoy Yuma, Ariz.

In quest of the superior

EDITOR: There is a wealth of evidence through the years on the productivity of commercial television. But we always can learn and the Schwerin story (BROADCASTING, Dec. 2) was most interesting. This kind of information is as important to the seller as it is to the buyer since we are as eager to see a schedule succeed as the buyer.

Further, the more qualitative information available will certainly contribute to the success of this great medium.

We look forward to more material of this kind, especially the definitions on what is "superior." As commercials be-



WBAL-TV. BALTIMORE

"MARYLAND'S NUMBER ONE CHANNEL OF COMMUNICATION"

NATIONALLY REPRESENTED BY EDWARD PETRY & CO., INC.



WAGA-TW

"DIALOGUE" ON WAGA-TV FEATURES NATIONALLY KNOWN PERSONALITIES IN A HALF HOUR OF PENETRATING CONVERSATION. ABOVE, "MR. GOLF", ROBERT T. JONES, WITH ED THILENIUS, STATION SPORTS DIRECTOR. THE "BOBBY JONES" PROGRAM GENERATED NATIONAL ATTENTION, AND A REQUEST ON BEHALF OF ANOTHER WELL-KNOWN GOLFER, FORMER PRESIDENT DWIGHT D. EISENHOWER, FOR A FILM PRINT OF THIS "DIALOGUE" PROGRAM.



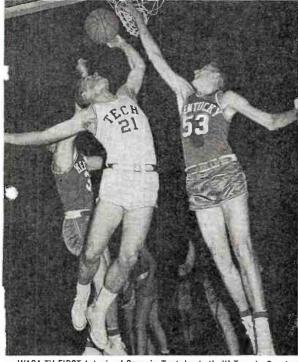
WHERE THERE'S NEWS, WAGA-TV GDES with portable Machtronics video tape recorders to capture action for viewers. The Governor's Press Conference, fast-breaking news and special events are telecast regularly.



KEN BAGWELL, general manager of WAGA-TV, plays an important role in local affairs. Above, he reports to a United Appeal meeting on the progress of his division.



THE 4-H HOUR has aired weekly on Channel Five since November 5, 1955. WAGA-TV covers 752,500 TV homes in 115 counties.*



WAGA-TV FIRST televised Georgia Tech basketball! Twenty Cracker baseball games were televised in 1963! This season, WAGA-TV will telecast local college basketball, including an Invitational Tournament. Sports airs twice a day on PANORAMA NEWS.



DAILY TELEVISION EDITORIALS are discussed by the station Editorial Board, above, prior to airing. WAGA-TV has crusaded for city, county, and state improvements and never ducks controversial issues. Editorials air three times each day on WAGA-TV.



ATLANTA'S ONLY station-produced educational series features professors from local colleges and universities. Above, Dr. C. G. Alexandrides of Georgia State College.



CBS STARS promote: Robert Reed of "Defenders" is a WAGA-TV spokesman for the Atlanta Bar Association Legal Aid Committee.

.dynamic leader in local programming!



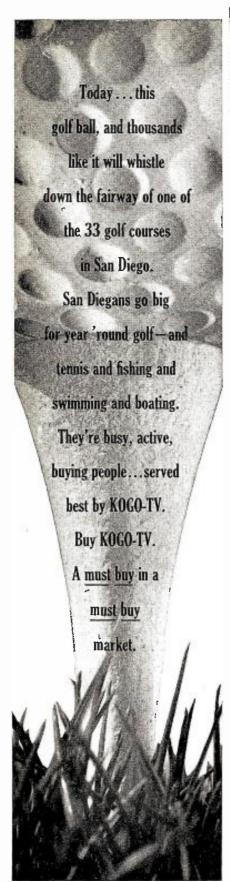
Boy Scouts pleage allegiance to the flag three times a day on WAGA-TV!

ATLANTA looks to WAGA-TV for local programming that reflects the pace of the city and the tone of the times. Channel Five has its sights on more than ratings; the growth of its market motivates the station to do the things it does! WAGA-TV programs the only weekly prime time

network and local public affairs shows . . . punctuates the needs of the market with Atlanta's only daily television editorials . . . produces a daily television educational series . . . serves public interest with such programs as The 4-H Hour, Let's Discuss It, Reporter's Notebook, and others.

The ARB Circulation Report* shows that WAGA-TV reaches more homes daily and has more net daily and weekly circulation than any newspaper or TV station in an arc swinging from Washington, D.C. to Dallas, Texas. It's your best investment. Consult with STORER TELEVISION SALES, INC.





KOGO-1 REPRESENTED BY THE KATZ AGENCY come "superior" undoubtedly they will become more acceptable by everyone.-Jack E. Harrington Jr., Harrington, Righter & Parsons, New York.

EDITOR: Obviously, the long range implications of the work described in the article are of great importance to the future of commercial television. Should it ever become possible to predict with any degree of accuracy the validity of one commercial approach as opposed to another, I personally fear that it would tend to inhibit creative experimentation in commercial production. We have all seen examples (all bad) of attempts to follow the leader simply because the leader was successful. This does not only apply to the production of commercials but to programing, promotion

There are a number of other facets of Mr. Schwerin's study that are personally disturbing to me. I find it difficult to concur with the premise that advertising campaigns can be pretested and that value judgment such as "inferior," "equal" or "superior" can be ascribed to a commodity (the commercial itself) which is designed to appeal to both the rationale and the emotions of great numbers of peoplewhose senses of logic and ranges of emotions are as different from each other as the eyes and ears they use to evaluate the commercials.—Symon B. Cowles, director of advertising and publicity, ABC Owned Television Stations, New York.

Hits to all fields

EDITOR: The many different responses I have had to my Monday Memo (BROAD-CASTING, Dec. 2) certainly points up the variety of areas of your circulation. -B. B. Randolph, manager radio and TV, Aluminum Company of America, Pittsburgh 19.

Christmas came early

EDITOR: We would like 14 subscriptions [for the Florida congressional delegation] to begin with the next issue.-Kenneth F. Small, executive secretary, Florida Association of Broadcasters, Gainesville, Fla.

EDITOR: . . . There is no need to announce that the subscriptions in the enclosed order are our gift. All the gentlemen are members of our board of directors and we think it worthwhile for them to receive background information about the broadcasting industry. I know of no better source for this information than your magazine.—J. Allen Jensen, executive vice presidentgeneral manager, KID-AM-TV, Idaho Falls, Idaho.

(BROADCASTING offers special reduced rates for group subscriptions. For details, write circulation department, Washington

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*Reg. U. S. Patent Office Copyright 1963: Broadcasting Publications Inc.



Which "Network" will attract the most children in 1964?



The Magilla Gorilla "Network" made-up of the leading children's stations in each city.

Ideal hand-picked these stations for greater audience, greater impact, greater sell.

HERE'S THE IMPRESSIVE LINE-UP. This is a partial listing only. Additional stations are being added every day.

New York WNEW-TV Thurs.—7-7:30 PM Albany- Schenectady-	Chicago, Greenvill Ashevi
TroyWAST-TVThurs.—4:20-4:50 PM	Sparta
	Hartford-
Atlanta, GaWSB-TVFri.—5:30-6 PM	New H
Austin-Mason	Honolulu
City, Minn KMMT-TV Sat.—5:30-6 PM	
Baton Rouge, La.: WBRZ-TVSun.—1:30-2 PM	Houston,
Beaumont, TexKPAC-TVFri5-5:30 PM	Indianapo
Birmingham, Ala WAPI-TV Sat.—11-11:30 AM	Jacksonv
Buffalo, N.Y WGR-TV Fri.—5-5:30 PM	Kansas C
Cedar Rapids-	Lancaste Harris
Waterloo WMT-TV Fri. – 5-5:30 PM	York.
Charleston-	Little Roo
Huntington WSAZ-TVThurs.—5:30-6 PM	Louisville
Charlotte, N.C WSOC-TV Fri 5:30-6 PM	Memphis
Chattanooga, Ten. WDEF-TV Thurs 5:30-6 PM	Miami, F
Cincinnati, Ohio . WCPO-TV Wed 6-6:30 PM	Milwauke
Corpus Christi KZTV Fri. – 5-5:30 PM	Minneapo
Dallas-Ft. Worth . KTVT Fri. – 6-6:30 PM	St. Pa
Davenport-	Mobile-P
Rock IslandWOC-TVThurs—5-5:30 PM	Nashville
	New Orle
Dayton, Ohio WHIO-TVFri—5-5:30 PM	Norfolk,
Denver, Colo KOA-TV Fri.—5-5:30 PM	Oklahom
Eugene-Roseburg-	Omaha, M
Coos Bay, Ore KVAL-TV Fri.—5:30-6 PM	Orlando-
Fresno, Calif KFRE-TV Fri.—5:30-6 PM	Dayto
Ft. Wayne, IndWPTA-TVFri.—6:30-7 PM	Peoria, I
Grand Rapids-	Philadel
Kalamazoo WKZO-TV Thurs.—4:45-5:15 PM	Phoenix.
Green Bay, WisWBAY-TVFri5-5:30 PM	Pittsburg
Gleen Day, MIS WDM1-14FII3-3:30 FM	Littabul

Chicago, III WGN-TV Mon. – 6:30-7 PM
Greenville-
Asheville-
Spartanburg WFBC-TV Fri.—5-5:30 PM
Unréford .
New Haven WNHC-TV Fri.—5-5:30 PM
Honolulu KONA-TV Wed.—5-5:30 PM
Houston, Texas KTRK-TV Fri5-5:30 PM
Indianapolis, Ind. WTTVFri.—6:30-7 PM
Jacksonville, Fla WJXT-TV Wed 4:30-5 PM
Kansas City, Mo KMBC-TV Fri.—5-5:30 PM
Lancaster- (WLYH-TV
Harrisburg- \ WHP-TV
Lancaster- (WLYH-TV
Little Rock, Ark KARK-TV Fri4:30-5 PM
Louisville, KyWHAS-TVThurs.—5:15-5:45 PM
Memphis, TennWMCT-TV Fri5-5:30 PM
Miami. FlaWLBW-TVThurs.—5-5:30 PM
Milwaukee, Wis WISN-TV Fri 5-5:30 PM
Minneapolis-
St. Paul WTCN-TV Fri.—5:30-6 PM
Mobile-Pensacola WKRG-TV Fri.—4:30-5 PM
Nashville, Tenn WSIX-TV Thurs 5-5:30 PM
New Orleans WDSU-TV Wed. – 5-5:30 PM
Norfolk, Va WAVY-TV Fri5:30-6 PM
UKIANOMA CITY
Omaha, Nebr KMTV Fri. – 5-5:30 PM
Orlando-
Daytona Beach WDBO-TV Mon. – 5-5:30 PM
Peoria, III WEEK-TV Thurs 5-5:30 PM
PhiladelphiaWFIL-TVFri4:45-5:15 PM
Phoenix, ArizKOOL-TVWed6-6:30 PM
Pittsburgh, PaWIIC-TVTues.—7.7:30 PM

Los Angeles, Cal. KCOP-TV	Fri.—	6:30-7 5:30-6	PM PM
Pueblo-	uis.—	J.JU-0	1 191
Colorado Spgs. KOAA-TV	Fri.—	5-5:30	PM
Raleigh-Durham WTVD-TV	. Fri.—	5-5:30	PM
Richmond, Va WTVR-TV	. Fri.—	5:30-6	PM
Roanoke, Va WSLS-TV	. Fri.—	5-5:30	PM
Rochester, N.Y WROC-TV Th	urs.—	4:30-5	PM
Sacramento- Stockton KOVR-TV V	Mod	6 6.20	DM
Saginaw-Bay	veu.—	0-0:30	L M
City-Flint WNEM-TV	Fri	5-5-30	РМ
San Antonio KENS-TV Th	urs.—	4:30-5	PM
San Diego, CalKOGO-TVTh	urs	4:30-5	PM
San FranciscoKTVU-TV\	Ned	6-6:30	PM
Salt Lake City KCPX-TV Fri	5:1	5-5:45	PM
Scranton-Wilkes			
Barre WNEP-TV			
Seattle-Tacoma .KING-TV	. Fri.—	2:30-6	PM
Shreveport, LaKTBS-TV Spokane, WashKREM-TV	. Fri.— Wod —	0:30-0 6:30-7	PM
Springfield, Mo KVTV	Fri _	5.5.30	PM
St. Louis, Mo KPLR-TV	Fri.—	5-30-6	PM
Syracuse, N.Y. WSYR-TV			
Tampa, Fla WFLA-TV			
Toledo, OhioWTOL-TVI	ues.—	6:30-7	'PN
Tucson, Ariz KOLD-TV	Ned.—	6-6:30	PM
Tulsa, Okla KOTV			
Washington, D.C., WTTG	. Fri.—	-6:30-7	PN
Wheeling-			
Steubenville WTRF-TV	MON	2:30-6	PN
Wichita, Kansas . KARD-TV	· Lil'—	-5-5:30	PW

Ideal Toy Corp., 200 Fifth Ave., New York, N.Y.



Premixed media packages on the horizon?

Picture this: A media supervisor in a top New York agency picks up the phone and calls the representative of "Memphis Metro-Media Inc." He orders a 90-day quarter-saturation package (for profile group "A") to help promote his client's exciting new product "Aidems."

Two weeks later, 950 miles away, things really start cracking.

The city of Memphis is inundated with commercial messages for Aidems. They come from all directions: television, radio, newspapers, magazines and billboards. Each message carries the identification of one or more Aidem dealers, and each message is directed to a predetermined socio-economic group.

Aidem sales soar.

The client is happy.

The agency is happy.

And, certainly, Memphis Metro-Media Inc. is happy. Their instant media package #25-A-90 has paid off again, and handsomely.

Buck Rogers Dream? ■ Far fetched? Perhaps a little.

But the day may soon come when the top 20 or so markets around the country can be "bought" instantaneously. What's more, each market will be available in varying degrees of saturation (i.e.-full, half, quarter, etc., similar to current-day outdoor advertising coverage).

More importantly, each market will be divided into carefully defined profile groups. An advertiser will be able to concentrate his effort at any socioeconomic level he chooses.

Each market would offer perhaps six to eight premixed media buys; the exact total would equal the number of profile breakdowns times the number of saturation plans available. Duration of campaigns would remain flexible.

The 'Package' Inside = Let's take a look inside a premixed package, this time one geared to reach the upperincome group in greater New York City. We'll label this particular mix "NYC #50-D-90"-indicating a 90-day program of medium saturation.

Radio: Daily spot announcements on the city's top semiclassical music sta-

Television: Concert, drama or news analysis broadcasts, twice a week.

Magazines: Three pages total in the New York City edition of the leading national news weekly. Three pages in the sophisticated lively arts weekly.

Newspapers: Weekly 1,000-line insertions in the two upper-crust dailies.

Outdoor: Carefully spotted quartershowings in Westchester, Rockland, Nassau, Fairfield and Bergen counties. Such a plan would theoretically offer a 20% volume discount. In addition, some leeway in media emphasis would be allowed for certain products.

Obvious Factors

Just what factors on the horizon indicate a trend to premixed media? Quite a few. Let's take a look at some of the more obvious ones.

For years now, advertisers have been making a slow but deliberate move toward media localization. Of course, radio, newspapers and outdoor have long been available on a market-bymarket basis. But recently, magazines and even television have been offering greater flexibility to media buyers.

Who would have thought some time back that Time magazine could ever be bought for metropolitan New York alone, or that the Cleveland area could be broken out of Life's 7 million-plus circulation, or that TV Guide could be bought in some 70 editions?

Who would have thought, too, that the mighty medium of television might someday join the ranks of local media? There is an indication of such a trend, however, in the move away from full or partial program sponsorship to participations (participations have increased 425% in the past five years, while single sponsorships have dropped 67% and alternate sponsorships have fallen

Slice Of Pie = There is further indication in the fact that at least one network is already slicing up its station lineup for important enough advertisers. In addition, the FCC's determination to strengthen the position of independent stations and give nonnetwork advertisers equal opportunity for TV time adds validity to the premise.

The need for geographic market standardization may accelerate the trend to premixed media. The future may see the day when Boston is Boston to everyone and every medium—no more retail trading zones, no more standard metropolitan areas, no more Nielsen "A" counties.

Another factor that seems to indicate a trend in this direction is the urbanization that is sweeping the country. Within a decade or two, the topography of America may serve as little more than a backdrop for 15 or 20 population "islands."

On this point, several agency and media studies made over the past decade have indicated that many marketing areas are undergoing drastic change because of these population growth patterns. Subsequently, these studies have paved the way to new media strategies and concepts.

Ready-mixed media could offer innumerable advantages. Not the least important of these would be an attractive volume discount structure.

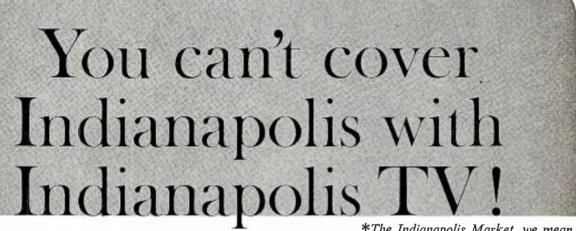
Territory Awareness = Equally as important would be the fact that sales representatives for premixed media would be extremely knowledgeable about the territory they represent; so much so that they could concentrate on selling their market and forego the time-worn tendency to sell against competitive media.

In the creative area, too, premixed media would offer distinct advantages. Campaigns could be custom tailored to specific markets, even specific segments of those markets. Test marketing could come into its own. And advertisers who often find themselves hamstrung in regional or state legal technicalities (insurance, liquor, etc.) would likely find life a little bit easier.

Premixed media may never come into being. But, then again, it just could happen. In either event it makes interesting food for thought.



Austin P. Kelley, a vice president of Ben Sackheim Inc., New York, has served as senior account executive on Nationwide Insurance and American Cyanamid during the five years he's been at the agency. Before joining Sackheim, he was creative director in the advertising department of Continental Insurance. Mr. Kelley is a native of Charlotte, N. C., holds a degree from The Citadel and has done graduate work at New York University and City College of New York.



*The Indianapolis Market, we mean!

WTHI-TV in combination with Indianapolis stations offers more additional unduplicated TV homes than even the most extensive use of Indianapolis alone.

More than 25% of consumer sales credited to Indianapolis comes from the area served by WTHI-TV, Terre Haute:

More than 25% of the TV homes in the combined Indianapolis-Terre Haute television area are served by WTHI-TV.

This unique situation revealed here definitely suggests the importance of re-evaluating your basic Indiana TV effort . . . The supporting facts and figures (yours for the asking) will show how you gain, at no increase in cost ...

- 1. Greatly expanded Indiana reach
- 2. Effective and complete coverage of Indiana's two top TV markets
- 3. Greatly improved overall cost efficiency

So, let an Edward Petry man document the foregoing with authoritative distribution and TV audience data.

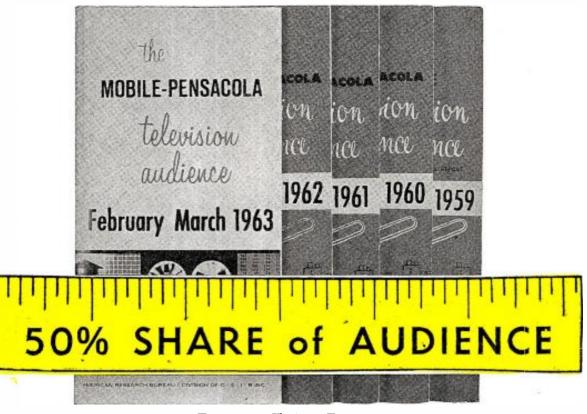
CHANNEL 10 TERRE HAUTE. INDIANA

*An affiliate of WTHI AM & FM



WTHI-TV delivers more homes per average quarter hour than any Indiana station * (March 1963 ARB) *except Indianapolis

NO OTHER STATION CAN MAKE THIS STATEMENT 5 CONSECUTIVE YEARS



Exception To The Rule

WKRG-TV—Mobile—Pensacola

has averaged 50% or more share of audience in every March ARB measurement since 1959, from 9 a.m. to midnight.*

Audience measurement data are estimates only—subject to defects and limitations of source material and methods. Hence, they may not be accurate measures of the true audience.



Represented by H-R Television, Inc. or call



C. P. PERSONS, Jr., General Manager

THE BUSINESSWEEKLY OF TELEVISION AND RADIO December 16, 1963, Vol. 65, No. 25

SPOT TV PACE BRISKER THIS YEAR

- Station time mostly sold even before pre-emption problem arose
- Advertisers agree to make-goods for most of lost commercials
- Dollar figures will be uncertain until final totals are ready

The dollar-and-cents effect of television stations' wholesale cancellation of spot advertising business in their 3½-day coverage of President Kennedy's assassination began to assume more nearly appraisable proportions last week.

The full effect may never be known more than vaguely, but two developments offered heartening possibilities that the money losses, overall, won't be as bad as they could have been.

- A survey by BROADCASTING, part of an annual series, indicated that for a majority of TV stations December's spot bookings were moving at a moderately brisker pace than last year—even before the pre-emptions occurred. This factor, in the face of pessimistic reports that had circulated regarding December prospects, could ease the impact of the Nov. 22-26 hiatus on commercials on yearend profit-and-loss statements.
- After two weeks of uncertainty, it began to appear that about 70% of the unprecedented volume of pre-emptions has in fact been rescheduled—or will be—through the authorization of "make-goods" by most advertisers. This estimate was drawn from soundings taken among leading station sales last week.

In addition, the Broadcasting survey found that a high proportion of stations—even higher than those reporting December gains—expected their 1963 full-year spot billings to exceed 1962's. But that was before the pre-emptions occurred, and how these might affect the forecasts was not calculable. Station reps, however, anticipated last week that spot TV business for 1963 would be up in total but that some markets, as always, would be down.

Observers speculated that a 70% make-good level might represent the retrieval of \$4 million to \$5 million of an estimated \$7 million-plus in national spot business voluntarily dropped on the weekend of President Kennedy's death. But it was acknowledged that dollar figures must remain speculative at least until fourth-quarter reports have been compiled, and may never be fully known.

Good Positions • It also was noted that for stations already approaching sold-out status, most make-goods would have to go into positions for which other buyers normally could be found, so that as a practical matter make-goods would not materially affect the pre-emption losses of these stations.

Authorities also pointed out that most

cases of inability to accommodate makegoods—of which there have been some, though relatively few—would occur in major markets where the rates are highest, so that the number of pre-emptions rescheduled is at best an uncertain and probably an overoptimistic indicator of the number of dollars that may be recouped.

While advertisers, agencies, stations and their reps were wrestling with this biggest make-good problem in broadcasting history, another complication entered the picture as Procter & Gamble, television's No. 1 customer, warned stations that it will not pay if they place its commercials in "triple-spotting" positions adjacent to "shared" but inadequately integrated messages (see page 28).

BROADCASTING'S station survey, an annual yearend business study, reflected national spot traffic movement at almost the precise period of the Nov. 22-26 pre-emptions. By coincidence the questionnaires were distributed a few days before President Kennedy's death and were returned, in practically all cases, before make-goods could have been taken into account.

As It Might Have Been • Thus, although they inquired specifically about



Seven sit on FCC's proposed commercial time limits

The seven members of the FCC, sitting in the borrowed majesty of an Interstate Commerce Commission hearing room, heard the views of some 40 individuals and groups last week on the FCC's proposal to set commercial time limits.

The commissioners heard little that was new and, reportedly, decided on Thursday to abandon the rulemaking. The commission is expected to take final action on the matter Wednesday (see story page 38).

Shown testifying is Richard Nicodemus (1), a sociologist employed by the National Recreation Association. He supported the rulemaking. But, like others who favored a rule, he was unable to help the commis-

sion with the crucial question—how could one rule be fashioned that would be equitable for all stations?

The commissioners (l-r) are Kenneth A. Cox, Robert E. Lee, Rosel H. Hyde, Chairman E. William Henry, Robert T. Bartley, Frederick W. Ford and Lee Loevinger, who wore dark glasses against the "glare" of the TV camera lights.

P&G won't pay for spots next to piggybacks

Top TV advertiser Procter & Gamble warned last week that it will not pay for spots placed in

"triple - spotting" positions alongside so-called "piggyback" commercials.

P&G in the third quarter of this year alone spent more than \$17 million in spot TV, according to Television Bureau of Adver-



Mr. Hay

tising computations of gross time billings (see story, page 30).

The warning and P&G's guidelines were issued through Compton Advertising, New York, in a letter to station representatives. Compton said it was acting in this area as the "spot coordinating agency" for P&G and its several other agencies.

Explicit in Compton's letter was P&G's expectation that so-called violations of the policy would make good either by running the Procter & Gamble commercial again ("makegood") or by crediting the advertiser with the amount of time affected. The policy was aimed at spotting of P&G commercials adjacent to two other commercials even when the other two were sponsored by the same company. This one-company sponsorship of adjacent commercials is often called "piggyback" buying.

The letter, sent by Graham Hay, broadcast media supervisor at Compton, set the scene in the opening paragraph:

"Procter & Gamble, as you know, has been and is opposed to triple-

spotting. Where incidents of this are uncovered relative to Procter & Gamble announcement schedules, its agencies have always insisted on either make-goods or credit."

Asks Confirmation • Mr. Hay asked the reps to advise stations of the policy and "confirm in writing to us the fact they have been so apprised." He also noted that if any of the stations "care to comment on this policy, please direct such correspondence to us."

Several factors, it was said by agencies, reps and advertisers, have combined to focus attention on this long-simmering problem in spot placement, not the least of which is the current complications over makegoods stemming from wholesale spot cancellations during the Nov. 22-26 weekend (see story, page 27).

It was pointed up that national advertisers view the "shared" commercial in different ways. Some, including a Compton client other than P&G, are said to place two different commercials back to back with no "bridge" between them; others do bridge the commercials but the messages are for dissimilar products.

Broadcast businessmen note also that the shared commercial—usually made up of two 30-second messages placed back to back—is striking favor with more and more advertisers. Among those identified with using the shared commercial are Alberto-Culver, American Home Products and Pepperidge Farm Bread. Lever Bros. recently placed a shared commercial, with bridging, in a heavy spot TV campaign for two of its products: Wisk detergent and Imperial margarine.

But there are many interpretations

and viewpoints, including charges of some reps of indirect "rate-cutting" (on the theory of getting two commercials for the price of one).

On the other hand, a national advertiser observed that by using the shared-commercial concept it was able to spread its advertising over additional markets and thus get its message into markets other than the top 50. It also found the method enabled the company to extend the life of the campaign.

Product Protection • Product protection is still another vexation over piggybacks. The traditional protection expected by advertisers is a separation of 15 minutes. But, as some reps have noted, two "integrated" commercials used side-by-side raise a specter of four separate commercials which when the usual 20-second addition is allowable in non prime time may add up to five commercials.

Several representatives indicated they had little to quarrel about with P&G's approach in that they also seek better definition and "policy."

P&G—through Compton—defined its policy as follows:

"A 'shared' commercial will be considered an integrated one, and thus actually one commercial, if it satisfies these requirements:

"Both commercials are identified as having the same brand name. It is not sufficient that the bridge say, 'here's another product from'—and then go into a commercial having no audio or video identification with the brand name of the first commercial in the pair.

"Both commercials are for products which have the same general

spot business booked for the week of Dec. 9, they produced data on sales levels as they would have been if the pre-emptions had not occurred. They therefore provide the most complete light yet available on the question, which a number of advertisers have raised, of stations' ability to re-schedule such a volume of commercials in positions generally comparable to those originally ordered.

The findings suggest that in some cases it could not have been done but that in most instances it could—within limits—and that on the "average" station it almost certainly could have been.

The "limits" affecting most stations' ability to accommodate a full run of make-goods had to do with such ques-

tions as whether an advertiser wanted the commercials to run before Christmas or whether he would let them extend through the end of the month or even into January, as some have done; the rigidity with which the advertiser defined "comparable" positions, and the willingness of local advertisers in a number of cases to adjust their own schedules.

Big Markets Toughest • The pinch would of course have been tightest—as it is now—in major markets and in the rescheduling of 60-second announcements, which traditionally are in greatest demand and shortest supply in markets of all sizes.

But even in the bigger markets, the survey found, minute sales in most of the choicest periods were running short of capacity by 10% or more on the average, and in other periods by as much as 30 or 40%.

Considered individually, however, some stations were within 5% of sell-out and a few reported no minute availabilities at all in prime periods, indicating that these stations had little leeway for make-goods when the problem arose.

The rescheduling of pre-empted ID's and 10-second and 20-second announcements presented a much smaller problem, the survey indicated. Sales of these lengths were running lighter in practically all markets, as is normally the case.

Overall, December sales on three out

customers and use.

"The bridging or integrating of the two commercials is so executed as to appear to be one commercial.

"The continuity of a shared commercial meeting all of the above requirements with one other commercial does *not* create a triple-spotting occasion.

"A shared commercial which does not satisfy all of the above stated requirements will be considered a 'piggyback' commercial, or, two separate commercials. If a commercial for Procter & Gamble is run adjacent to a 'piggyback' pair, a triple-spotting condition has been effected for which we will require a makegood or credit."

The National Association of Broadcasters' TV code defines the basic differences between an integrated and a piggyback commercial as follows:

A commercial that's integrated has two or more products or services but is so executed by audio and video "that it actually is a single announcement." The products or services must be related in character and purpose or they must be offered by the same sponsor. The piggyback is defined as one in which the audio and video bridge is so executed as to make the presentation actually two or more separate announcements and must be counted as two or more, according to the code.

But broadcasters and advertisers who must decide on the question maintain the provisions are open to question and the term "executed" vague.

While NAB may consider a commercial with two different products advertised as "integrated" so long as the same sponsor is offering the products and the bridging is acceptable, many advertisers and reps remain confused.

of four stations in the survey were running ahead of last December's. But the gains were not as general as those reported a year ago, though there were signs that individually they may be running a little higher, on the average, than they did last December.

The 75% who reported gains, for example, compared with 91% increases last December. Where the gains were described numerically, the average increase this year was 27% as against 24% last December.

More Declines = This year's survey found 14% of the responding stations reporting December declines, as compared to 2% a year ago. Where a rate of decline was indicated, it averaged 10% this year to 2% last December.

The biggest gains were in sales of announcement lengths under one minute. Minutes were far and away the best-sold commodity, but on the average the shorter lengths all registered more gains than losses—as compared to last December—while minute sales declined more often than they gained.

Some stations reported unit sales down but dollar volume up.

The most widespread increases were evident in returns from markets with four or more stations, where 87% of the respondents reported December billings increases as compared to 13% who said business was down from the December 1962 levels.

In one and two-station markets 78% of the returns indicated December increases, 17% showed drop-offs and 5% saw little or no change from last December. In three-station markets 70% of the respondents reported December increases, 13% reported declines and 17% indicated no change.

Study Supported • The basic findings of the station study were borne out by a supplementary survey conducted by BROADCASTING last week among leading television sales representatives.

Like the stations, reps preponderantly reported that December business is running ahead of last December's—despite some cutbacks by a number of major advertisers (CLOSED CIRCUIT, Nov. 23)—and by more than 10 to 1 they indicated that their 1963 billings would exceed 1962's.

Their individual estimates of 1963 increases averaged out to about 14% above 1962 billings.

A few representatives said some of their stations had not been able to handle even the make-goods that had been offered them, but these were exceptions. An overriding majority said they had been able to reschedule all or practically all make-goods that have been authorized. A number of advertisers agreed to let their make-goods run into January, some of them stipulating that they be billed as if they run in 1963.

The 70% figure on acceptance of make-goods from the Nov. 22-26 period represented a consensus, but on a station-to-station basis the percentages varied widely, some outlets, mostly in major markets, were reported as having make-good levels of 40, 50 and 60%, while other stations, especially smaller ones, were said to have obtained make-good instructions covering up to 90% of their pre-emptions.

Cooperation Good • The dominant impression communicated by the reps was that advertisers and agencies generally had cooperated to a considerable extent. They conceded there had been a wavering attitude in the week or 10 days immediately after the Kennedy

death, but, in the words of one rep official; "after all is said and done, advertisers and agencies cooperated wonderfully. They worked together with us and our stations and often gave us the benefit of the doubt. Some business just couldn't be saved, of course, and that was to be expected."

The executive vice president of a representative firm that specializes in medium-sized-market stations reported that at least 85% of its cancelled spot TV business was now in the make-good category. He said there was no problem in finding appropriate time periods, adding "most of them already have been carried."

He said his business was down slightly in early December and for 1963 will be about the same as 1962. He forecast that sales will increase substantially in the first quarter of 1963, pointing out that orders are coming in more frequently than last year at this time.

The director of a large rep company said at least 60% of the cancelled commercials will be make-goods and added: "We are scheduling some of them in January. We have received approvals from some advertisers to carry them at this time because, in these cases, we couldn't fit them in this month. We applaud this move on the part of advertisers."

Ahead of 1962 • Current business is running slightly ahead of last year at this time, he reported, and business for 1963 should be about 18% above that of 1962. The prospects are "excellent" for the first quarter of 1964, he reported.

A study made by another large rep firm indicated that at least 60% of its cancelled spots were recoverable though make-goods. There were few spots that could not be accommodated, an executive said.

Business is up slightly for early December, he said, and 1963 as a whole will conclude with an approximate 5% increase in billing over 1962. Indications are, he added, that the first quarter will be bright though January may be a "bit lower" than January 1963.

An estimated 50% of another large rep firm's cancelled TV spots will fall into the make-good class, an official said. He noted that among his stations the range runs from 30% in one market up to 80% in several other markets.

"We were able to schedule the makegoods in every case, except when a program buy, such as a news show or a special program, was involved," he explained.

Business now running on his stations is slightly down from last December, even counting the make-goods, he acknowledged. He continued: "more advertisers seem to be taking 'breathers' in December and in January. We detect fewer campaigns on anything resem-

bling a national basis this month and next.

Over 1963 Level " But he thought that business for the first quarter of 1964 generally should be over the 1963 level. He estimated that for 1963 his stations would increase their billing by an average 7% over 1962.

A rep firm that is represented strongly in major markets estimated that 60% of business would be recouped through make-goods. He said stations were able to accommodate virtually all of the spots because business for December was hit by a "wave of cancellations" before the Kennedy tragedy.

The evaluation was that business currently running on the stations is "about the same or slightly better" than during the same period in 1962. He added:

"December is not one of our better months; every other month of this year did better than the comparable month of 1962 but we'll consider ourselves fortunate if December is up even or slightly over December 1962."

His judgment was that 1963 billings for his stations will be at least 12% over 1962 figures. The first quarter of 1964 looks "very promising," he added.

Third-quarter spot TV up \$185 million

INCREASE OF 23% IN PERIOD BRINGS NINE MONTH TOTAL TO \$628 MILLION

Spot TV billings (national and regional spot) for the third quarter of 1963 totaled more than \$185.3 million, an increase of 23.1% over the like period a year ago.

The report released by Television Bureau of Advertising today (Dec. 16) and based on N. C. Rorabaugh Co. compilations, places the first nine-month total of gross time billings for spot TV at \$628.1 million. This is some \$24 million ahead of initial projections made last summer (BROADCASTING, Aug. 12).

TvB said the percentage increase is based on an analysis of the same 318 stations which reported for the third quarter of both years.

In the third quarter, Procter & Gamble was the No. 1 spot advertiser, billing more than \$17 million. General Foods and Colgate-Palmolive billed \$7.7 million and \$7.4 million respectively.

Top gainers by product classifications in dollars and percentages, according to TvB:

Automotives, an increase of 41% from \$5.37 million to \$7.58 million; confections and soft drinks, up 42% from \$12.38 million to \$17.61 million; gasoline and lubricants, up 57% from \$5.46 million to \$8.5 million; household paper, boost of 73% from \$2 mil lion to \$3.5 million, and tobacco products-supplies, also up 73% from \$4.99 million to \$8.64 million.

American Tobacco was a leading gainer among individual advertisers showing a third quarter jump from \$437,100 to a little over \$2 million. Another cigarette company, Brown & Williamson Tobacco, moved up from a \$211,300 expenditure for spot TV time in last year's third quarter to more than \$1.29 million in the same period

General Foods, TvB's figures point out, doubled its expenditure: it climbed from \$3.89 million to \$7.7 million in the comparative quarters. Shell Oil is back in spot TV quite strong: the comparative difference for the quarter was \$804,000 last year to \$2.4 million this year.

In the third quarter, announcements accounted for \$152.8 million, ID's (10 second spot) for \$14.1 million and programs for \$18.36 million.

TOP 100 SPOT TV ADVERTISERS THIRD QUARTER 1963

(Source: TvB-Rorabaugh)

1. Procter & Gamble

2. General Foods

\$17,045,900

7,751,600

3.	Colgate-Palmolive	7,450,500
4.	Lever Bros.	5,007,200
5.	Bristol-Myers	4,254,300
6.	General Mills	4,032,900
7.	Coca-Cola (bottlers)	4.023.300
8.	William Wrigley Co.	4,023,300 4,002,500
9.	Alberto-Culver	3,677,400
10.	American Home Products	3,500,800
11.	Shell Oil	2,404,000
12.	Liggett & Myers	2,336,100
13.	Kellogg	2,322,400
14.	Jos. Schlitz Brewing	2,246,900
15.	Pepsi-Cola (bottlers)	2,110,800
	American Tobacco	2,110,000
17		2,025,800
17. 18.	Carter Products Gillette	1,915,000 1,845,800
19.		1,040,000
20.	Ford Motor (dealers)	1,822,700
21.	Warner-Lambert Raiston-Purina	1,790,200
21.	General Motors (dealers)	1,707,000
23.	People Nut Life Square	1,567,600
	Beech-Nut Life Savers	1,486,800
24.	Pabst Brewing Philip Morris	1,420,400
25.	Food Mfr. Inc.	1,411,200
26.	Food Mfr. Inc. Brown & Williamson	1,307,400
27.	Brown & Williamson	1,293,300
28.	Anheuser-Busch	1,250,000
29. 30.	Canadian Breweries Avon Products	1,246,000 1,228,800
31.	Socony-Mobil Oil	1,211,200
32.	Simoniz	1,150,200
		1,074,000
3/	Royal Crown Cola (bottlers) Helene Curtis Industries	1,046,000
35.	Standard Brands	977,900
36.	Theo. Hamm Brewing	905,700
37.	Continental Baking	905,500
38.	Eversharp	895,000
20	International Later	865,000
40.	Pet Milk	854,100
41.	John Hancock Mutual Life In:	s. 800,500
41.	National Dairy Products	794,900
42.	National Dairy Products Associated Products	794,600
44.		793,500
	Sears, Roebuck	733,300
40.	P. Ballantine & Sons	734,500
40.	American Motors (dealers) National Biscuit	732,400
		730,700 718,200
40.	Campbell Soup	716,200
49.	Chrysler Corp. (dealers) Falstaff Brewing	715,800
50.	Pichardeon-Marroll	701,500
51.	Richardson-Merrell	695,200
52.	Welch Grape Juice	672,900
33. E4	Pearl Brewing R. J. Reynolds	660,100
54.	Miles Laborateries	657,100
55.	Miles Laboratories	643,600
JO.	American Oil Corn Products Co.	641,900
3/.	COIII PRODUCTS CO.	617,800

IAL	. 10 4	020	IVIILL	ON
58. 59. 60.	Chrysler C Phillips Pe Humble Oi Sinclair Re	etroleum	ing	603,600 540,800 538,100
62. 63.	Sinclair Re P. Lorillar Borden Climalene	efining d		536,700 533,100 528,800 525,400
65. 66. 67.	Canada Dr Foremost I Pacific Tel	Ďairies I. & Tel.	rs)	505,300 495,300 494,600
69. 70	Chesebroug Frito-Lay Stroh Brew Greyhound	verv		484,900 467,700 464,000 457,200
72. 73. 74.	Greyhound Pillsbury Shulton B. C. Rem M. J. B. Co	edy Co.		455,900 449,600 438,000 437,600
76. 77. 78.	Lucky Lag Associated	coπee er Brewi Brands	ng	434,900 432,500 422,600
80. 81.	Wallace & C. Schmidt Atlantic Re A & P Tea	t & Sons efining		421,900 419,200 409,900 406,400
84. 85.	A & P Tea Kroger Armstrong E. & J. Ga	Rubber Ilo Winer	у.	404,100 394,500 388,200
87. 88.	Sterling Di Nestle F. & M. So General M	haefer B	rewing	386,400 384,300 381,800 378,100
90. 91. 92.	General M Kimberly-C U.S. Borax Metro-Gold George Wi	& Chem wyn-Maye	ical er Brewing	375,400 366,200 361,600
95. 96.	George Wi Beecham F Swift & Co Lestoil Pro). Oducts		350,600 347,600 344,800 343,000
97.	Scott Pape	bil Qil (d er :	lealers)	342,700 335,800 332,000 326,000
NATIO SPOT BY P	ON AND RI TELEVISIO RODUCT CI	EGIONAL IN ADVEI ASSIFICA	RTISERS TION	

AGRICULTURE Feeds, meals Miscellaneous	\$	221,000 131,000 90,000
ALE, BEER & WINE Beer & ale Wine		5,589,000 5,836,000 753,000
AMUSEMENTS, ENTERTAINMENT		879,000
AUTOMOTIVE	7	,583,000
Antifreeze Batteries		352,000 3,000
Cars	6	,127,000
Tires & tubes		670,000
Trucks & trailers		82,000
Misc. accessories & supplies		349,000

BUILDING MATERIAL, EQUIPMENT,

FIXTURES, PAINTS 878,000

EVER HEAR ABOUT THE IOWA SCHOOLTEACHER?

It's been proverbial for generations in the travel trade that, wherever you go, "you always run into a lot of Iowa schoolteachers."

It's a cute quip, but it should have been worded "Iowa people." Because most of our people have more spendable income than average—and it's spendable income that permits travel, and new automobiles, and better food, and more luxuries of every sort.

Our Iowa farm people, for example, average a gross income of \$4,214 per person. By comparison, prosperous Indiana averages \$2,869 — Ohio, \$2,402.

WHO-TV, covering the heart of Iowa, has many time segments that will give you more high-income farm people, at lower cost, than any other station in this area. Ask PGW for facts.

WHOTV WHOTV WHOTV WHOTV UJHOTV WHOTV WHOTV WHOTV WHO:TV WHOTV WTOHU WHOTV WHOTV WHOTV WTOHU UJHOTV WHOTV WHOTV UIHOTV WHOTV WHOTV UJHOTV WTOHU **UHOTY** WHOTV WHOTV **UHOTY WHOTV** WHOTV WHOTV WHOTV WHOTV UJHOTV WHOTV

WHOTV WHOTV WHOTV

CHANNEL 13 . DES MOINES WHOTY





Classification	Expenditure			
Fixtures, plumbing, supplies	2,000			
Materials Paints	546,000 266,000			
Power tools	24,000			
Miscellaneous	40,000			
CLOTHING, FURNISHINGS,	1 526 000			
ACCESSORIES Clothing	1,536,000 917,000			
Footwear	490,000			
Hosiery Miscellaneous	129,000			
CONFECTIONS & SOFT DRINKS	17,611,000			
Confections	8,240,000			
Soft drinks	9,371,000			
CONSUMER SERVICES	\$ 5,906,000			
Dry cleaner & laundries Financial	722 000			
Insurance	722,000 2,033,000			
Medical & dental Moving, hauling, storage	101,000 26,000			
Public utilities	2,421,000			
Religious, political, unions Schools & colleges	428,000 74,000			
Miscellaneous services	101,000			
COSMETICS & TOILETRIES	21,053,000			
Cosmetics	1.992.000			
Deodorants Depilatories	2,828,000 77,000			
Hair tonics & shampoos	77,000 6,462,000			
Hand & face creams, lotions Home permanents & coloring	1,025,000 2,819,000			
Perfumes, toilet waters, etc.	55,000			
Razors, blades Shaving creams, lotions, etc.	1,546,000 841,000			
Toilet soaps	2,175,000			
Miscellaneous	1,233,000			
DENTAL PRODUCTS	3,594,000			
Dentifrices Mouthwashes	2,873,000 636,000			
Miscellaneous	85,000			
DRUG PRODUCTS	10,260,000			
Cold remedies Headache remedies	801,000 4,257,000			
Indigestion remedies	543.000			
Laxatives Vitamins	672,000 565,000			
Weight aids	1.222.000			
Miscellaneous drug products Drug stores	1,932,000 268,000			
FOOD & GROCERY PRODUCTS	\$42,620,000			
Baked goods	4,071,000			
Cereals Coffee, tea & food drinks	10,191,000			
Condiments, sauces, appetizers	6,627,000 s 3,757,000			
Dairy products Desserts	2,663,000 373,000			
Dry foods (flour, mixes, rice,				
etc.) Fruits & vegetables, juices	2,160,000 2,971,000			
Macaroni, noodles, chili, etc.	967,000			
Margarine, shortenings Meat, poultry & fish	1,197,000 2,541,000			
Soups	374,000			
Miscellaneous foods Miscellaneous frozen foods	2,186,000 266,000			
Food stores	2,276,000			
GARDEN SUPPLIES & EQUIPMENT	55,000			
GASOLINE & LUBRICANTS	8,557,000			
Gasoline & oil	8,405,000			
Oil additives Miscellaneous	104,000 48,000			
HOTELS, RESORTS, RESTAURANTS				
HOUSEHOLD CLEANERS, CLEANSERS,				
POLISHES, WAXES	7,120,000			
Cleaners, cleansers	5,008,000			
2 /DDOADCACT ADVEDTICING\				

Buy a few, get a harem

"First time ever," the commercials begin. "From Bartlett Rambler in Anaheim. A blonde with every convertible. Brunettes with station wagons. Redheads with every 1964 Rambler sedan. . . Drive that old car of yours to Bartlett Rambler. . . Be sure to bring in your old wife, mother-in-law, whoever you want replaced, and drive away in the '64 Rambler of your choice with the hmm, hmm, hmmm of your choice sitting beside you. . ."

The spots, broadcast on KEZY Anaheim, Calif., were conceived by Johnny Gunn, that station's program director, for Bartlett Rambler through Sarver & Witzerman, Long Beach, Calif. Lest anyone get the wrong idea, each commercial makes it clear that the offer is "wife-approved... You get the new car you've been wanting. She gets the beautiful House of Sheffield wig."

Oleanidination	- "
Classification	Expenditure
Floor & furniture polishes, waxes Glass cleaners Home dry cleaners Shoe polish	1,555,000 24,000 3,000 323,000
Miscellaneous cleaners	207,000
HOUSEHOLD EQUIPMENT— APPLIANCES	1,372,000
HOUSEHOLD FURNISHINGS	714,000
Beds, mattresses, springs Furniture & other furnishings	282,000 432,000
HOUSEHOLD LAUNDRY PRODUCTS	15,308,000
Bleaches, starches Packaged soaps, detergents Miscellaneous	3,114,000 10,489,000 1,705,000
HOUSEHOLD PAPER PRODUCTS	3,510,000
Cleansing tissues Food wraps Napkins Toilet tissue Miscellaneous	579,000 1,099,000 20,000 726,000 1,086,000
HOUSEHOLD GENERAL \$	
Brooms, brushes, mops China, glassware, crockery,	17,000
containers Disinfectants, deodorizers Fuels, (heating, etc.) Insecticides, rodenticides Kitchen utensils Miscellaneous	355,000 205,000 235,000 787,000 60,000 116,000
NOTIONS	36,000
PET PRODUCTS	2,408,000
PUBLICATIONS	673,000
SPORTING GOODS, BICYCLES, TOY Bicycles & supplies Toys & games Miscellaneous	\$ 1,073,000 43,000 958,000 72,000
STATIONERY, OFFICE EQUIPMENT	420,000
TELEVISION, RADIO, PHONOGRAPH MUSICAL INSTRUMENTS Radio & television sets	i, 209,000 177,000

Classification	Expenditure
Records	31,000
Miscellaneous	1,000
TOBACCO PRODUCTS & SUPPLIES	8,644,000
Cigarettes	8,076,000
Cigars, pipe tobacco	518,000
Miscellaneous	50,000
TRANSPORTATION & TRAVEL	1,996,000
Air	1,261,000
Bus	520,000
Rail	156,000
Miscellaneous	59,000
WATCHES, JEWELRY, CAMERAS	881,000
Cameras, accessories, supplies	s 79.000
Clocks & watches	3,000
Jewelry	5,000
Pens & pencils	772,000
Miscellaneous	22,000
MISCELLANEOUS	1,702,000
Trading stamps	201,000
Miscellaneous products	407,000
Miscellaneous stores	1,094,000
TOTAL \$	185,330,000

Studebaker ad plans in suspended state

Still up in the air last week was the question of future advertising in the United States by the Studebaker Corp. which is discontinuing automobile production in this country. The firm this year has put between \$5-7 million into advertising, with about 15-20% in broadcasting—mostly in network television.

Unofficial reports that D'Arcy Advertising, New York, would lose Studebaker billings with the closing of the auto firm's main plant in South Bend, Ind., were discounted by headquarters officials last week. They said there would be no changes at this time.

D'Arcy said there has not yet been a meeting of agency and Studebaker officials to plan 1964 advertising, but that action could be expected within a few weeks. The agency also said it has completed introduction of Studebaker's 1964 models. It is preparing now for 1964 advertising that will generally point up the fact that Studebaker will continue to manufacture cars in Canada for sale there and export to the U.S. No figures have been released on 1964 billings.

Studebaker has cut its broadcast billings as was expected earlier (Broadcasting, Sept. 16). The Television Bureau of Advertising reports that Studebaker's gross time billings in TV for the first nine months of 1963 were: network TV, \$966,300 and spot TV \$92,000. The firm's network sponsorship was almost entirely at CBS-TV on NCAA Football, Twilight Zone, Alfred Hitchcock, Eyewitness and Mister Ed.

Studebaker's Canadian subsidiary is represented by McConnell-Eastman, Toronto, and sponsors the Ed Sullivan Show on CBC-TV there.



If your trade is with teens, the station that will best help you make sales in the Carolinas is WSOC-TV. With hit shows like Kilgo's Kanteen, livelier local sports features, WSOC-TV delivers this area's most enthusiastic product supporters. Plenty spending money, too. Charlotte's consumer spendable income per family is highest of any metro area in the South. Get a bigger share of it with Charlotte's WSOC-TV

33

MORE CREATIVITY WANTED

Major advertisers tell surveyors what functions they want their advertising agencies to fulfill

Improved creative output, particularly in the print media fields, appears to be the chief need that major advertisers want their agencies to fulfill today, according to a study of the attitudes of major advertisers conducted earlier this year by Forward Research Inc. for Needham, Louis & Brorby.

The study also found that "surprisingly" TV programing as an agency function "is out of the running." Comments praising the commercial effectiveness of television were reported as well but the identity of their sources was not disclosed.

Needham, Louis & Brorby is releasing details of the study today (Dec. 16). The study is based on a confidential survey of more than 150 key marketing and advertising executives from a range of top companies in 22 industries. None of them now are NL&B clients.

The survey was conducted through personal interviews in New York, Chicago and a number of other cities. Interviews ran one to two hours. NL&B said the survey had a very high cooperation rate of 86% of those contacted. The findings and conclusions are those of Forward Research and not the agency. NL&B's sponsorship was not disclosed until the report was finished.

The overall objectives of the study were outlined in advance by Paul C. Harper Jr., president of the Chicagobased agency. Two other NL&B executives were responsible for the planning and follow-through. They were Dr. Leonard Kent, vice president and director of research, and Dr. Gordon Keswick, director of creative research.

Two Viewpoints • Titled "Major U. S. Advertisers Look at Advertising and Agencies," the study showed broadly that there are two points of view concerning what an advertising agency should do for its clients.

"Some advertisers want total marketing help," the study said. This ranges "from sales to research."

Others, however, "want creative counsel only," it noted, "in the belief that the advertiser should provide the rest of the marketing function."

The study reported that closely related to these differing points of view "it was found a communications problem often exists between advertisers and agencies. In many cases there is a misunderstanding as to the services the agency can and should provide."

Obviously there are no rights or wrongs here, the study said, because it all depends upon the individual point of view. "Nevertheless, even in 'secure' client-agency relationships," the study said, "there is evidence of a need for improved communications between advertiser and agency—especially agency management. Insecurities and suspicions seem to arise not so much from what is needed by the advertiser and not supplied by the agency as from what the advertiser expects but does not make clear."

Recent Improvement • Nearly all of the executives surveyed noted specific areas of recent improvement in advertising agency performance. The report said those of major importance included marketing and sales know-how, research and creativity. Creativity refers to an agency's capacity to generate new ideas and communicate them effectively to consumers, the report explained.

"Speaking of agency service func-



NL&B's Harper

tions which are important to their needs, executives stress three that they consider the bulwarks of the best advertising agencies," the report summarized. "These are print creativity, media planning and marketing strategy. In contrast, broadcast creativity, account handling, agency management and consumer research were substantially less important. Surprisingly, TV programing as an agency function is out of the running."

Apart from the overriding single need for agencies to improve creative output, especially in print, the executives surveyed also "see an increasing need for agencies to provide top caliber, highly intelligent and experienced people to implement these functions."

The study noted that the anonymous collective "the agency" carries neither prestige nor real meaning. Only "personal individual talents" command respect, it indicated, pointing out that more than a third of those interviewed feel that agencies should do a better job in strengthening personnel with whom the clients work.

Hope For Future • In its conclusions the report observed that "creativity and research will be expected to carry the burden of the advertiser's hope for future progress. Research-mindedness, if not formal research, has arrived. To an increasing extent, research will be part of the total process of developing the advertiser's approach to the consumer."

The study continued, "and creativity, much like research-mindedness, will be expected from every member of the team. It is no longer restricted to the writer and the artist. The advertiser seeks it in everyone concerned with his problems."

In a section devoted to typical comments on areas of recent agency progress, the report included the following on creativity from one respondent:

"I think they have developed TV commercials—to me that is the outstanding thing. There is a freshness and newness about them and they're entertaining. An acceptable way has been found to show the benefits of their products. . . . They're in better taste and more entertaining, more informative, more believeable. That is an overall comment, some commercials won't come up to that, but a multitude of agencies are coming up with great improvements."

Other Comments - Among interview comments quoted elsewhere in the report were these:

- "... I feel the most effective medium today is TV and consequently those agencies who can create outstanding commercials can stimulate the sale of their customer's product better than if they were superior in their creativeness for any other medium. TV is particularly effective because it is both visual and audio."
- "... The most powerful communicative medium which man has yet devised for mass selling is television. Therefore, the efficient use of television would make it the strongest weapon in an advertiser's arsenal. The creation of commercials should be handled in such a way as to make them adaptable in the most efficient way possible to the television medium so it can utilize all its power."
 - ". . . We haven't experienced it yet

Remember when you relied on radio?

To find out if you should take an umbrella?

To avoid a traffic jam?

To get the football scores?

Your father depended on radio, too.

So will your children.

Radio...one of the good things about America

-haven't done any, but I have a strong feeling that the TV audience is the strongest audience out. That's the best way to reach the mass audience.'

. . . Ideally the program department of the agency should be expert in evaluating TV programing, but should have strength to go to the client and present it. It should be an additional selling arm to what we're doing. Actually the media department in most agencies has usurped the broadcasting department's activities. They used to build shows, but that part of the business today is pretty much in the hands of the networks, because they're the only ones in a position to spend the money for show development. Even a very largesized agency is not equipped to perform this function. As a result, media people have pretty much taken over, the respondent commented.

Business briefly . . .

Humble Oil and Refining Co., through McCann-Erickson, New York, has purchased sponsorship of 26 NBC-TV specials in 1964. The first program in the series, Orient Express, will be televised in color Tuesday, Jan. 7 (10-11 p.m.

Beech-Nut Life Savers Inc., through Benton & Bowles, New York, has purchased time in nine NBC-TV series, giving it air time every night except Monday. Programs are International Showtime, Mr. Novak, The Richard Boone Show, Espionage, Eleventh Hour, The Lieutenant, The Bill Dana Show, Temple Houston and Saturday Night at the Movies.

The Savings and Loan Foundation, through McCann-Erickson, New York, has purchased full sponsorship of ABC Radio's broadcast of the American Football League championship game, scheduled for Jan. 5. The game will be played in the home stadium of the Western Conference winners, either the San Diego "Chargers" or the Oakland "Raiders."

R. J. Reynolds Tobacco Co., through William Esty, New York, has purchased sponsorship of the Orange Bowl football game on ABC-TV and Radio Jan. 1 at 1:45 p.m. Other sponsors, already announced are Bristol-Myers Co., through Doherty, Clifford, Steers & Shenfield Inc.; Buick Motor Division, through McCann-Erickson Inc.; and Texaco Inc. through Benton & Bowles, all New York.

Smith, Barney & Co. will sponsor a two-hour Christmas Eve musical program on radio stations in 12 cities where the Wall Street investment firm has offices. Albert Frank-Guenther Law, New York, is the agency.

Lever Brothers Co., through Foote, Cone & Belding, New York, plans to advertise its new-formula Imperial Margarine in a campaign marking the product's return to nighttime television after an absence of two years. The drive will include commercials on CBS-TV's The Defenders and Candid Camera and ABC-TV's The Price is Right, as well as a heavy spot TV campaign in major U. S. markets.

Autolite Division of Ford Motor Co., through BBDO, New York, Bristol-Myers Co., through Doherty, Clifford, Steers & Shenfield, also New York, and Consolidated Cigar Corp., through Len-s ship of the Santa Anita races.

nen & Newell, that city, have purchased sponsorship in NBC Sports Special, a weekly, 90-minute series scheduled to start Jan. 4, 1964, on NBC-TV. The program will run Saturdays, 4:30-6 p.m. EST.

Union Oil Co. of California, through Smock, Debnam & Waddell, will sponsor the Santa Anita feature races, on CBS Television Pacific Network, Saturday, 4-4:30 p.m. PST, for 11 weeks starting Dec. 28. It is the ninth consecutive season of Union Oil sponsor-

So good to work with...1-1-3



Mulling it over—or making a deadline ... pleasant music and crisp news maintain fresh alertness...radio 1-1-3

Detroit's good music station . . .

One of a series in Detroit newspapers and The Adcrafter

W-CAR

50,000 watts

1130 KC

FCC unhorsed in commercial crusade

OUESTION NOW: HOW TO PULL BACK WITHOUT TOTAL SURRENDER

The FCC's controversial commercialtime standards rulemaking reached the end of the road last week, battered and all but friendless.

Most of a string of participants at a two-day oral argument on the proposal asked the commission to abandon it. The rulemaking suggests adoption of the commercial codes of the National Association of Broadcasters as a basis commercialization."

No Guidelines Worked • Some of the broadcasting industry witnesses at the oral argument would oppose even this step. The chairman repeatedly asked witnesses if the commission should publicize guidelines followed by the staff in examining applications for overcommercialization. He said applications are spot checked for excessive numbers

Local Policy • Mr. McKenna said this procdure would lead broadcasters to develop a "reasonable commercial policy in light of the needs" of their community. And this, he said, would be better than an across-the-board rule enforced by the commission.

Another communications attorney, Paul Dobin, said the commission lacked the case-by-case information needed for





Judge Rosenman











Mrs. Logan

for the proposed rule.

Most of those who appeared said the agency lacked the authority to adopt such a rule and that, in any event, it would be impossible to fashion a single standard for commercialization that would be equitable for all TV and radio stations.

And the House Commerce Committee registered its concern by approving a bill that would prohibit the commission from adopting rules setting commercial limits (story page 42).

Fond Farewell • Even before these developments, there were signs that four votes could not be found on the commission to provide a majority in favor of a rule. By midweek, the commission reportedly decided to jettison the proposed rulemaking (story page 39).

FCC Chairman E. William Henry indicated at the beginning of the week that he had little hope a rule could be adopted. Appearing on NBC's Meet the Press, on Sunday (Dec. 8), he said the commission should "at least clarify" its position so that the industry would know what the FCC means by "over-

of commercials.

Mr. Monderer

Usually, he was told, either that no instructions should be given the staff or that the guidelines should not be published. Some witnesses said publication of the guidelines would have the same effect as a rule.

The oral argument constituted an unusual effort by the commission to obtain information beyond that provided in the comments filed in the proceeding. However, many of the arguments that were made had been heard before. And none of those favoring limitations were able to suggest any method for devising a rule that would be equitable for all stations—the problem that caused the commission the most trouble.

But some of these opposing the rulemaking did suggest alternative courses.

James A. McKenna Jr., representing ABC, said the commission could add to its application forms a question asking whether the station conforms—not necessarily belongs—to the NAB code. Those licensees who reply in the negative would be required to explain their commercial policy.

a rule. He suggested that the commission build up a history of ad hoc decisions before formulating a rule.

Attorneys Theodore C. Piersen and Ben C. Fisher, in separate statements, agreed that the commission lacked the knowledge to develop a rule. But they didn't suggest a case-by-case approach. They said an industry-government committee should be formed to study such questions as the effectiveness of commercials and the public's reaction to them.

Mr. Pierson said that until this knowledge is available, there should be "no meddling by the NAB or the FCC."

R. B. McAlister of KSEL and KTXT-FM-TV Lubbock, Tex., offered "the Mc-Alister Plan:" Each licensee would file with the commission the commercial policy it would follow for the succeeding 12 month-period. These submissions could be averaged by the commission and published as guidelines for commercialization in the various broadcast services.

Invite Comments • Norman E.

Jorgensen, a communications attorney, said that the licensees, along with publicizing their renewal applications, as now required, invite the public to comment on their commercial practices. He noted that this was in line with Chairman Henry's recommendation that broadcasters announce their legal obligations and invite comments on their programing (BROADCASTING, Oct. 28). He said the commission could step in when a licensee appeared to be ignoring local complaints. But the commission, he said, "would stay out as long as the public approves."

The major opponent of the proposed



Mr. Parker



Mr. Finz

rulemaking in the oral argument was Douglas A. Anello, NAB general counsel. He questioned the commission's legal authority over commercials and said the agency should consider a licensee's advertising practices only in connection with his overall programing performance.

The commission, he said, cannot decide in advance whether a certain number of commercials is too large in a particular market. Therefore, he said, it would be impossible to apply a commercial-limiting rule on an across-the-board basis

The proposed rule, he said, would "change the face of broadcasting." He urged the commission to permit the indutry to regulate itself. He said the NAB commercial codes have been strengthened over the years, not weakened, as some commissioners have claimed.

Single Standard Questioned • But in this connection he noted that the industry is beginning to feel that a single standard for all stations is unrealistic. As a result, he noted, the NAB code

But FCC won't give up all ad control

The FCC proposal to limit, by rule, the amount of advertising a broadcasting station can carry is dead. But the commission is keeping alive the issue of overcommercialization.

The FCC tentatively decided last week to terminate the controversial rulemaking that, among other things, proposed adoption of the National Association of Broadcasters' commercial codes as government rules.

But in closing the door on a general rule, the FCC is expected to state that it will seek to apply restrictions on overcommercialization on a case-by-case basis.

Fast Action • The commission reached its decision in two meetings following the two-day oral argument on the proposed rulemaking last Monday and Tuesday (Dec. 9-10). Most of the 40 participants who were heard urged the commission to drop its proposal (see story beginning on opposite page).

However, some spokesmen for broadcasting interests suggested that the agency use the case-by-case approach, and the FCC is expected to cite those suggestions as at least part of the basis for its decision.

The FCC reportedly will say it will be in a position to make a close examination of a station's commercial policy once its revised program reporting forms for radio and television are designed. Work on those

forms is beginning to move ahead.

On Thursday the FCC instructed its staff to draft an order terminating the commercial rulemaking but stating that the commission would look into commercial volume on a case-by-case basis.

If the commission agrees on the language the staff submits, it will approve the order at its meeting next Wednesday (Dec. 18). If not, the document will go back for rewriting. In either case, the termination order is expected before the end of the month.

Division of Opinion • Not all commissioners are satisfied with the instructions given the staff. Some, including Chairman E. William Henry, are said to feel the compromise doesn't go far enough. Others, including Commissioner Rosel Hyde, feel it goes too far.

The proposal to adopt the NAB code or some other specific standards as an FCC rule was put out by a bare 4-3 majority last May. One of those who voted for it, then Chairman Newton N. Minow, left the commission afterward. His replacement, Lee Leovinger, has never shown much enthusiasm for the proposal. And Commissioners Robert E. Lee, who originally proposed the rule, and Kenneth A. Cox, who voted for the rulemaking, have since questioned the practicability of the proposal.

authority is studying the feasibility of "qualitative standards."

Mr. Anello also said the NAB code should be considered as a goal which stations seek to achieve, not a rule.

Judge Samuel I. Rosenman, appearing for CBS, said his "chief concern" is that the proposed rule would take from broadcasters the responsibility the commission and the Communications Act have given them for determining the public interest.

Judge Rosenman, who once served as speech writer for the late President Franklin D. Roosevelt, also said the proposed rule might lead to an examination by the FCC of a stations' income. He said this would be "a new and undesirable" development.

"The remedy for overcommercialization," he said, lies "in the good collective judgment of the American people."

No Mathematical Formula • Howard Monderer, Washington attorney for NBC, said the proposed rule would mark a sharp departure from past FCC policy of permitting licensees to determine local needs. Asked whether it

would help if the commission established criteria on commercials, he replied: "I cannot equate the public interest with a mathematical formula."

Robert F. Hurleigh, president of the Mutual Broadcasting System, said there are too many different types of stations to be covered by a single rule. He said the requests for waivers would be so great "that you might just as well not have any rule at all."

A. E. Tatham, chairman of Tatham-Laird Inc. and chairman of the American Association of Advertising Agencies, also opposed the rule—but not because he approved of broadcasters' commercial policies.

Mr. Tatham, who spoke for his own company only, echoed the complaint of other agencies and advertisers about commercial "clutter." But, he said, the proposed rule would not come to grips with this matter.

And, in any event, he said broadcasters should be left free to work out the problem without government interference.

Peter Goelet, president of the Na-



Maurice Dolbler Senior Book Reviewer and columnist, New York Herald Tribune; author.

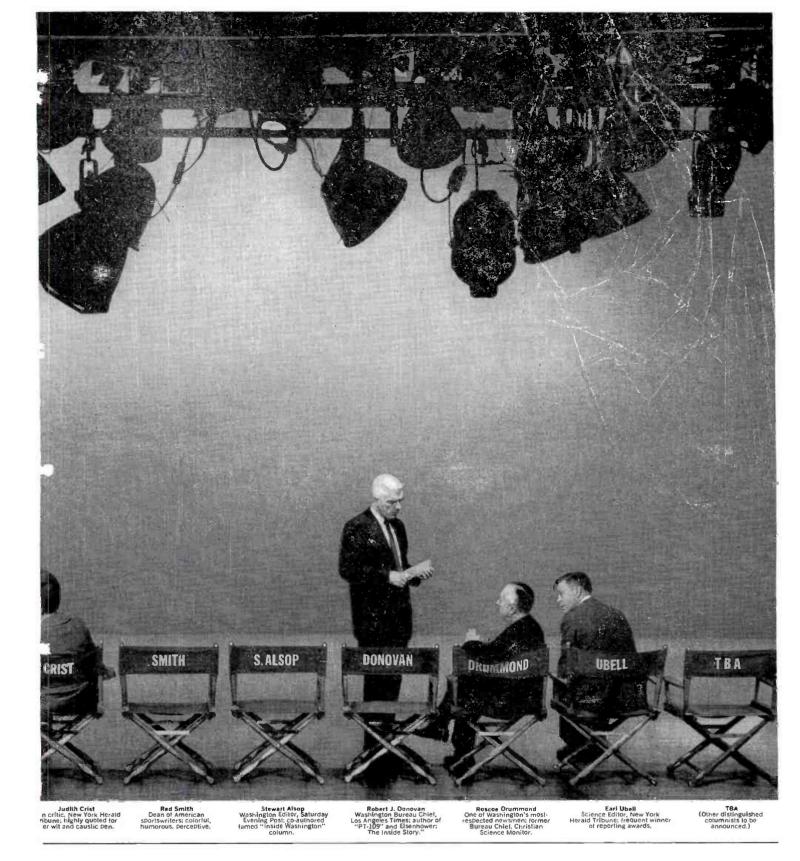
Jimmy Bresiln

New York Herald Tribuno's

"Boswell of the Subway Circuit", "Inside Report," nationally a touch of Runyon, Hemingway, syndicated Washington column, Behan, but mostly Breslin.

Marquis Childs
Author, nationally syndicated
columnist and Washington
Bureau Chief, St. Louis
Post-Dispatch.

Walter Kerr
Distinguished drama critic,
playwright and author of
standard textbooks
of the theatre.

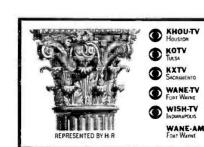


Literate, vigorous, authoritative...these distinguished columnists and writers (with others to be added) bring breadth and understanding to the important news of the day.

ses are videotaped in Washington and New York and are presented, one each week day, as a significant supplement to the extensive local and regional news coverage by CORINTHIAN stations.

Their personal and individual commentaries range from the national to the international news, from sports to the lively arts, adding a new dimension to television broadcasting.

We are proud to present these great journalists to the communities we serve. This breakthrough in television journalism is another example of CORINTHIAN stations' concept of responsibility to their communities.



THE CORINTHIAN STATIONS

Overcommercialization is chief complaint

The FCC received 637 complaints about overcommercialization by radio and television stations during the first six months of 1963. This accounted for 45% of the total complaints about broadcast advertising received by the commission in that period.

Figures on complaints filed with the commission, as compiled by the agency's staff, were read into the record of last week's two-day oral argument on the FCC's proposal to adopt a rule on commercial limits.

Overcommercialization was said to outstrip by far other aspects of broadcast advertising as a cause for complaint. Other causes were false and misleading advertising, bad taste and liquor and tobacco ads.

During fiscal 1963, which ended June 30, 8,380 complaints were received about all subjects. Of these, 2,463, or 29.4% involved advertising. The only subject drawing more complaints was programing, which was the subject of 3,864 communications from the public.

No breakdown of the complaints about commercials during all of fiscal 1963 was available.

Chairman E. William Henry read the figures into the record at the request of Commissioner Frederick W. Ford, who was absent during Tuesday's (Dec. 10) session.

tional Audience Board, said the solution should come through an "interaction" between broadcasters and advertisers. "In this instance," he said, "I believe what is best for business is best for the public."

Small Stations Several of the speakers said that adoption of a commercial-limiting rule would be particularly burdensome for small stations which, they said, would find it economically impossible to live within the same rules as those followed by large statons. Commissioner Kenneth A. Cox, however, was not impressed. He said that monitoring by the commission's staff indicated that the most serious violators of the NAB code are not the small market daytime radio stations but large, financially successful, full-time stations in important markets.

Support for the proposed rulemaking came from a number of individuals and organizations. Steven Finz, 20-year-old law student from New York, represented an organization called the League Against Obnoxious TV Commercials. He called the TV commercial "the American household's least desired guest" and said it appears "ridiculously too often." He urged the commission to "bring sensible and sane advertising standards to this medium." He said the league has grown to 6,300 members in the past year, and that 90% of them favor federal regulation.

Mrs. Clara Logan, president of the National Association for Better Radio and Television, said recent monitoring of Los Angeles radio and television stations disclosed what she considered "far too many commercials." She said one station carried 22 minutes and 45 seconds of commercials in one hour and that a network television station broadcast 14 commercial spots within a 14½-minute period beginning at 5:45 n.m.

She said the survey shows that, be-

tween Nov. 26 and Dec. 4, 1,331 commercials were carried on six TV and four radio stations during an 87-hour period.

Make-Goods • However, Commissioners Cox and Frederick W. Ford recalled that monitoring followed the four days in which all the stations dropped all commercials to cover events connected with the assassination of President Kennedy. The commissioners suggested the heavy concentration of commercials might have included a large number of make-goods.

The Reverend Everett C. Parker of New York, director of the office of communication of the United Church of Christ, also supported the rulemaking. He said the commission is "more than fair" in proposing adoption of the NAB commercal codes.

And the Reverend David C. Colwell of Washington, a member of the general board of the National Council of Churches, said the commission has "every legal right and the moral duty" to regulate commercials.

Others supporting the proposal to limit commercials were Richard Nicodemus, sociologist employed by the National Recreation Association; Sydney R. Katz, of New York City; and Alfred D. Rosenblatt, of Laconia, N. H.

Other Opponents • Others who appeared in opposition to the proposed rulemaking were Representative Odin Langen (R-Minn.), Dean F. W. Ziebarth of the University of Minnesota; John W. Steen, Group W (Westinghouse Broadcasting Co.); Mrs. Virginia Pate, WASA-AM-FM Havre de Grace, Md., Maryland-D.C.-Delaware Broad-Association; Richard casters Schmidt Jr., Colorado Broadcasters Association; James Popwell, WCEH Hawkinsville, Ga., Georgia Association of Broadcasters; Joseph M. Baisch, wrex-TV Rockford, Ill., Illinois Broadcasters Association; Robert N. Green, Texas Association of Broadcasters; Howard B. Hayes, Virginia Broadcasters Asso-

Also, Edwin T. Elliott, WHIH Norfolk, Va.; John D. Kennedy, WDRK Greenville, Ohio; M. H. Blum, WANN, WXTC-FM Annapolis, Md.; and attorneys Thomas H. Wall; Robert H. Bader, and R. Russell Egan (representing WGN-AM-TV Chicago).

FCC HEADED OFF ON THE HILL

Harris committee okays Rogers's bill on commercials

While the FCC listened to arguments on the merits and demerits of its proposal to regulate commercials last week (see page 38), the House Commerce Committee voted overwhelmingly for a bill that would prohibit the commission from making rules on the length and frequency of commercials.

By voice vote and with only one known dissent—Representative John E. Moss (D-Calif.)—the committee approved HR 8316, a bill introduced last summer by Representative Walter Rogers (D-Tex.), in an effort to head off the FCC's announced plan to consider getting into commercial regulation.

Representative Oren Harris (D-Ark.), chairman of the full committee, said he would "probably" request the House Rules Committee to clear the way for a vote in the House. The FCC, however, was taking steps to cease consideration of its proposal, and it was thought the House committee's action

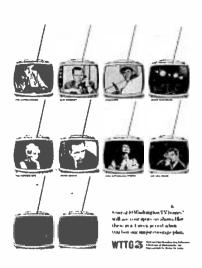
had been partly responsible for the commission's move.

A report on the committee's action was expected to emphasize that the bill was aimed at the commission's claim that it had the authority to make rules on commercials, not whether overcommercialization exists, or is a problem. Representative Moss was preparing a dissent to accompany the committee report last week, and said he thought other committee members might join him.

Representative Rogers pointed out that the committee has not expressed its view on overcommercialization itself. If overcommercialization is a problem—"and I grant you it very well could be"—he said, "I would be one of the first ones to say that the matter is should be gone into by the Congress."

Several members who voted for the Rogers bill said they thought it was not the best way to approach the situation (commercials) and urged the com-





the french sprong to draw.



Washington knows about these men









We've shown you again and again and again and again and again...
you'll get 8 out of 10 Washington TV homes in four weeks with WTTG's Major Coverage Plant

METROPOLITAN BROADCASTING TELEVISION, A DIVISION OF METROMEDIA, INC., REPRESENTED BY METRO TV SALES

the same and the

A helping dial

A new "audio" advertising medium in the Midwest is helping sell its older brother—radio. Wcvs Springfield, Ill., reported last week it is finding a telephone "dial-amessage" service to be very successful in helping to sell and merchandise 52-week sponsors. Wcvs said an average of 1,200 listeners dial the station's special phone number daily for the latest weather information plus reminders to "shop at Gundy's supermarkets." During bad weather some 2,900 call daily.

mittee to seek a constructive alternative. Representative William L. Springer (R-III.) said the committee "has a responsibility to do more than say the FCC's proposal is not in order."

Representative Springer said the committee favored more self-policing by

broadcasters, but said this cannot be achieved unless the National Association of Broadcasters is more representative of all licensees. He suggested the committee look into the arrangement whereby the National Association of Securities Dealers works hand in hand with the Securities and Exchange Commission. Securities firms wishing to do business with each other must be members of the NASD, whose rules and decisions are subject to SEC review. Former FCC Chairman Newton N. Minow proposed that broadcasters be required by law to be members of the NAB (BROADCASTING, April 8).

Representative Harris gave the idea little encouragement, and in a reference to the committee's action, he said, "I just don't think the commission should get out a rulemaking that goes into the economics of broadcasting."

Broadcasters gave the committee strong encouragement to block the FCC's commercial proposal when more than 30 witnesses testified in favor of HR 8316 (BROADCASTING, Nov. 11).

various religious causes for many years. He has been with NL&B for 11 years and before that was with NBC for 19 years. Grace R. Jordan, media, director of Ladd, Wells & Co., joins Johnson Associates as vice president. The new agency's address will be 100 South Wacker Drive, Chicago.

Ad 'goliaths' moving into children's field

The toy industry was warned last week by a specialist in children's advertising that it faces competition for a child's attention on TV from major corporations who are learning to exploit the children's field.

Melvin A. Helitzer, president of Helitzer, Waring & Wayne, New York, told the 47th annual convention of the Toy Manufacturers Association that the large companies entering or testing the children's market include Sterling Drug (a new citrus flavored aspirin); Alberto-Culver (a children's toothpaste, Mighty White); Colgate-Palmolive (a toothpaste and bubble bath soap); Lever Bros. (children's food products); General Electric (automatic tooth brushes for youngsters) and Sony Instrument Co. (a children's transistor radio).

To compete against these "goliaths," Mr. Helitzer suggested that toy manufacturers compete "only in the market where you can afford to do a solid job," and avoid blanketing the country with a "handkerchief budget."

Pastore will be present in spirit

DISCUSSION DUE ON POSSIBLE TV ADVERTISING REFORMS

The long-awaited and much-discussed meeting looking toward reforms in television advertising will be held Wednesday (Dec. 18) in New York's Waldorf Astoria hotel with broadcasters, advertisers and agencies sitting around the conference table.

Looking over their shoulders will be Senator John O. Pastore (D-R.I.), chairman of the Senate Communications Subcommittee, who is pushing the industry for a solution to what he called "mounting criticism" of TV commercial practices (BROADCASTING, Nov. 18).

The meeting is the brainchild of Le-Roy Collins, president of the National Association of Broadcasters, and Senator Pastore has invited participants to sit down with him after they have their own sessions. Governor Collins first requested the network heads to meet with him on the problems of TV advertising last summer. This suggestion was rejected by all three networks on the grounds such a meeting may run into antitrust problems and that the subject matter should fall within the framework of the NAB code authority (BROADCASTING, Aug. 26).

Governor Collins has since accepted the latter suggestion and NAB Code Director Howard Bell has taken over jurisdiction. All three networks also will be represented Wednesday, along with broadcasters, the Association of National Advertisers and the American Association of Advertising Agencies. Broadcast spokesmen will include Messrs. Collins, Bell, John Couric. Ed

Bronson, Stockton Helffrich of the NAB; William Quarton, wmt-tv Cedar Rapids, Iowa, and NAB board chairman; Bob Ferguson, wtrf-tv Wheeling, W. Va.; Clair McCollough, Steinman Stations, and network vice presidents Alfred R. Schneider (ABC-TV), Joseph Ream (CBS-TV) and Ernest Lee Jahncke Jr. (NBC-TV).

Advertising's representatives had not been firmed Thursday (Dec. 12), but Art Tatham, AAAA chairman from Tatham-Laird, will head that association's delegation. The meeting will be closed and several sessions are expected to follow before definite agreements are reached.

New agency will handle religious radio show

Formation of Arnold E. Johnson Associates Inc., Chicago, and appointment of the agency by Good News Broadcasting Co. effective Jan. 1 were announced Thursday (Dec. 12) by Mr. Johnson. He takes part-time leave of absence as vice president and broadcast facilities director of Needham, Louis & Brorby, Chicago.

Good News Broadcasting, which has headquarters in Lincoln, Neb., produces six weekly half-hour radio programs, Back to the Bible, and buys time for the show on some 200 stations in the U.S. and more than 100 stations abroad. The organization marks its 25th anniversary next May.

Mr. Johnson has been interested in

Commercials in production . . .

Listings include new commercials being made for national or large regional radio or television campaigns. Appearing in sequence are names of advertiser, product, number, length and type of commercial, production manager, agency with its account executive and production manager.

Jefferson Productions, 1 Julian Price Place, Charlotte, N. C.

Claussen Bakeries (fruit cake); one 60, one 20 for TV, live on tape. Agency: Cargill, Wilson & Acree, Richmond, Va. Ken Calfee, agency producer.

Chef Bill Salads; three 60's for TV, live on tape. Agency: Dunnagan Advertising, Charlotte. John Dunnagan, agency producer.

Pepper Sound Studios Inc., 51 South Florence, Memphis 4.

Liberty National Life Insurance Co., Birmingham, Ala.; one 60 for radio, jingle. Hub Atwood, production manager. Placed direct.

Winter Seal Corp. (combination windows),
Flint, Mich.; one 60 for radio, jingle. Joe
D'Gerolamo, production manager. Placed direct.
Argus Publishing Co. (weekly magazine),

Argus Publishing Co. (weekly magazine), Seattle; one 60 for radio, jingle. Vincent Trauth, production manager. Placed direct.

Time Life Insurance Co., San Antonio, Tex.; one 60 for radio, jingle. Ernie Bernhardt, production manager. Placed direct.



Us Hayseeds Get Around!

Maybe you'll never believe it until you see it—but though some of our pastimes may seem rather rural, the Red River Valley is one of the highest-living, richest-spending areas in the U.S.A.*

Since almost the very beginning of radio and/or television, WDAY and WDAY-TV have been the favorite, leadership stations in the Red River Valley. Ask PGW to show you the list of schedules we are carrying from top-notch national advertisers — and the reasons why.

*Fargo-Moorhead is always among the very top leaders in Standard Rate & Data's ranking of Metro Area Retail-Sales-Per-Household. Why? Well, as the Encyclopaedia Britannica says (see "Red River Valley") — this is one of the most fertile agricultural areas in the United States. Look up both these references, and see for yourself!

WDAY

5000 WATTS . 970 KILOCYCLES . NBC

and

WDAY-TV

AFFILIATED WITH NBC . CHANNEL 6

FARGO, N. D.



A truce in the central Illinois TV battle

FCC ASKED TO RULE ON PROPRIETY OF COMBO RATES

The central Illinois battle between Plains Television, operator of UHF stations in the area, and Midwest Television Inc., the owner of WCIA(TV) Champaign on VHF, was suspended last week.

Plains asked the FCC to permit it to withdraw its petition asking that WCIA be required to divest itself of some of its broadcast TV stations in the central state area. It submitted a letter from counsel for Midwest which proposes that the FCC be asked to issue a declaratory ruling on the propriety of Midwest's combination discount rate for advertisers using WCIA and WMBD-TV Peoria (a UHF station).

Pending an FCC ruling, Midwest agreed to suspend the combination rate.

Last October, Plains charged that Midwest was a monopoly in the area through its ownership of VHF and UHF outlets and the use of combination rates, staff and programing (BROADCASTING, Nov. 4). In addition to WCIA and WMBD-TV, Midwest operates a UHF translator at LaSalle, Ill., and is an

applicant for channel 26 in Springfield, Ill., and for a VHF translator at Effingham.

Plains owns wics(Tv) Springfield, wchu(Tv) Champaign and wicd(Tv) Danville, all UHF. It is also an applicant for a VHF translator in Champaign.

Midwest denied the allegations of monopoly and related examples of Plains's operations to indicate that both were acting in similar fashion (BROAD-CASTING, Nov. 18).

Leave It to FCC Midwest suggested that the basic conflict—Midwest's combination rate schedule for users of both WCIA and WMBD-TV—be submitted to the FCC for a ruling.

In the meantime, Midwest said, it was suspending as of Dec. 9 the combination rate and would hold it in abeyance until the FCC ruled. The suspension would run to Aug. 5, 1964, Midwest said, when it reserved the right to reactivate it with applications for license renewals of WCIA and WMBD-TV.

Midwest stated also that it never

intended to include KFMB-TV San Diego in its combination rate structure which is primarily for the central Illinois area. Midwest is buying the San Diego station from Transcontinent Television Corp. for \$10,085,000.

Plains told the FCC that the combination rate schedule between WCIA and WMBD-TV was basic to its fight to maintain its position against the VHF outlet in its area and that in view of Midwest's proposal, it was ready to withdraw its petition for divestiture.

Wynn Oil boosts ad budget, most in radio

Wynn Oil Co., Azusa, Calif., will mark its 25th anniversary in 1964 with a 33% boost in its advertising budget to a record high of \$2,475,000 for its car-care products. Most of the money will be spent on network radio, Kenneth C. Lovgren, advertising manager, said last week.

The radio for Wynn's friction proofing and other auto products will include 46 commercials a week on *News on the Hour* and four a week on *Monitor* on an alternate week basis on 198 NBC stations; 12 spots a week every

A rep can sell public service, too

The station representative's skill in selling commercials is obvious, but there's one who can boost public service spots with equal prowess. He is John A. Cory, Chicago vice president of Peters, Griffin, Woodward Inc.

Mr. Cory has sparked a new TV spot series in behalf of the Hadley

School for the Blind, Winnetka, Ill., which has been providing educational courses at no charge to the blind and is supported solely by gifts and legacies. Two 60-second and two 20-second spots have been made (see picture).

Mr. Cory, however, hastens to emphasize his role would not have been



Mrs. Richard Kinney, blind wife of the Hadley School's blind and deaf associate director, is seen in one of the spots reading a Braille textbook. Also seen in the television spots for the school is the Kinneys' baby, whose hearing and sight are normal.

possible without the cooperation of WGN-TV Chicago, which produced the announcement package without charge, and that of the Chicago office of J. Walter Thompson Co., which freely gave creative assistance.

WGN-TV has aired the new TV spots for several weeks. Prints also have been sent to other Chicago TV stations as well as to wcco-TV Minneapolis-St. Paul and wwJ-TV Detroit. Mr. Cory points out that the project indicates clearly how diverse elements within the business can work unselfishly together for worthy purposes. WGN-TV's rep is Edward Petry & Co.; wcco-TV and wwJ-TV are PGW outlets.

Lois Williams of Hadley School's public relations department says she has 50 sets of the spots ready for TV, all thanks to Mr. Cory and his friends. She reports that about 25% of the school's present 1,700 students said they learned of the school from the radio spot packages sent out around the country during the past few years.

"Radio and television are the blind person's constant companion," Mrs. Williams related, "because they can't read a paper. They enjoy listening to TV even though they can't see the picture."



Man on the Way up

He runs a fashionable New York hotel from the front elevator. He's a man of compassion, confusion and extraordinary command of the King's English. (King Alphonso's, that is.) He is, of course, Jose Jimenez, star of NBC's "Bill Dana Show."

Jose's been on the rise since comedy writer Bill Dana

unveiled him on television. (Contrary to rumor, Bill invented Jose, not the other way around.) Four seasons, numerous guest appearances, and six top-selling record albums later, Jose's star has grown to major magnitude.

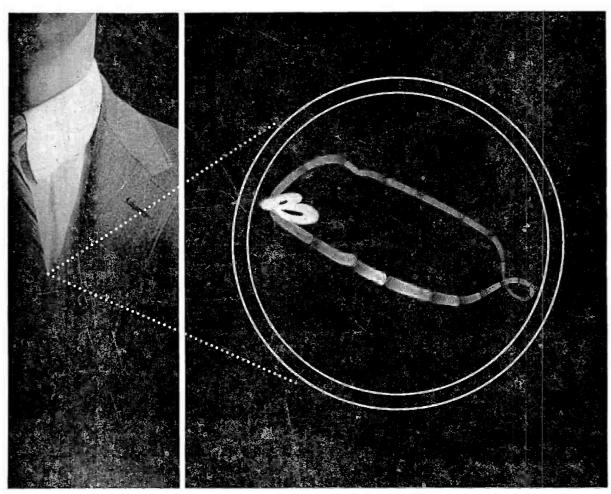
NBC's Sunday evening showcase features

light, tight comedy plots that keep Jose bell-hopping. And this is not a one-banana salad. Jonathan Harris registers strongly as the man who *thinks* he manages the hostelry, and Gary Crosby makes an attractive fellow-bellboy.

"Appealing" and "amusing" are among the critics'

favorite terms for "The Bill Dana Show." And we at NBC were quietly overjoyed when Jack O'Brian of the *New York Journal-American* found it "subtly hilarious." So it is. Elevators all have their ups and downs, but Jose's fortunes just keep going higher and higher.





THE HEAT BEAS IN 3-D. NOW WEW IT THAT WAY. Medical science has a new disease: the ITT Vectorcardiograph. It is an electronic device that uses a novel data processing and display technique to create a composite picture of all three dimensions of the heart's electrical action. This picture is shown on a cathode ray tube as loops whose size and brightness indicate the third dimension in a natural way. By "reading" these loops, an examiner can detect abnormalities in the heart's action. / As a research tool, the ITT Vectorcardiograph is being used to improve methods for detecting and diagnosing heart disease. For monitoring the heart's reaction to stress, as in aerospace flight, the device provides an immediate, easily interpreted display. If research proves its value for use in offices and clinics, recent ITT advances in micro-electronics will permit the design of a compact, reliable instrument. / This Vectorcardiograph is one of the new developments in medical electronics by ITT companies. These developments parallel ITT's advances in other phases of electronics and telecommunications. All have helped make ITT the world's largest international supplier of electronics and telecommunications equipment. / International Telephone & Telegraph Corporation. World Headquarters: 320 Park Avenue, New York 22, New York.

ITT

worldwide electronics and telecommunications

other week on 209 CBS stations and 20 commercials a week every other week on 344 ABC stations. In addition to this year-long "radiator-to-gastank" car-care campaign on network radio, local radio, TV and newspapers, regional trade publications, racing publications and point-of-purchase material will be used. Special emphasis will be put on new products to be introduced during the year.

BCH comes to a halt on its Black Friday

Broadcast Clearing House, one of three companies that set out in 1961 to clear the "paper jungle" surrounding the buying and selling of spot broadcast time, ceased operations last Friday, the

A second member of the 1961 triumverate has not been active for many months.

President Lee P. Mehlig announced the BCH closing in letters sent to advertising agencies, stations and station representatives.

Although the principles of the BCH service "have been widely accepted in broadcasting and advertising," he said, sales "have not reached the level necessary to meet operating costs-or to attract investment of the capital necessary for further operation."

The company had contracts with one agency and three station representation firms, Mr. Mehlig reported: the agency is Guild, Bascom & Bonfigi; the reps are Avery-Knodel, The Meeker Co. and

Savalli/Gates

Through these clients, Mr. Mehlig said, BCH has been handling paper work involving more than 600 radio and TV stations, "almost all" reps and more than 200 advertising agencies.

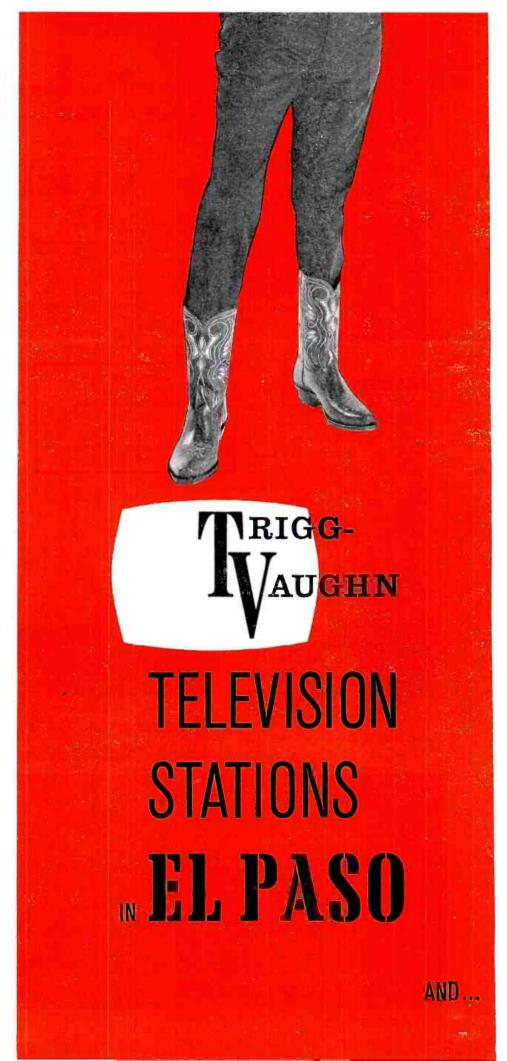
The work has included billing, collecting and disbursing payments for

spot radio and TV schedules.

Mr. Mehlig said the adjusted bill for October broadcasts, which was submitted in November, is the last that BCH will submit. Biils for November broadcasts, he said, should be prepared by the stations or their agents, and payments of these November bills should be made directly to the stations or their agents-not to BCH.

The Bank of America, which handled the preparation of bills and also the collections and disbursements in the BCH service, was authorized to accept agency payments received through Dec. 13 and disburse them to stations and reps as soon as possible. Agency payments received after Dec. 13 are to be returned to the agency with notification that they should be paid directly to the stations involved.

Mr. Mehlig said that questions concerning payment of BCH bills should



NOW 46th*.. THE GREENVILLE-SPARTANBURG - ASHEVILLE MARKET... AND ITS DOMINANT STATION IS





WFBC-TV's 61-County Grade A and B Contours Include The Rich Industrial Western Carolinas, plus counties in Georgia and Tennessee, with . . .

RANKED 46th by SALES MANAGEMENT Magazine, the WFBC-TV market is ahead of Jacksonville, Richmond-Petersburg, Durham-Raleigh, and other fine Southern Markets. Within its coverage area, WFBC-TV is the DOMINANT station, according to all the latest independent surveys. For more information, contact the Station or Avery-Knodel.

*Feb. 1, 1963 SM Survey of Television Markets Average Nighttime (Daily) Circulation



AFFILIATED WITH

WBIR-TV KNOXVILLE, TENN.

WMAZ-TV MACON, GA.

Represented by Avery-Knodel, Inc.

2,157,900 PEOPLE 589,300 HOMES \$3,105,817,000 INCOMES \$1,974,010,000 RETAIL SALES

According to SALES MANAGEMENT'S SURVEY OF BUYING POWER, JUNE 10, 1963





be referred to the Bank of America, Business Services Center, Box 3717, Rincon Annex, San Francisco 20.

Service Is Needed . In a letter to all BCH shareholders, the chief of whom is John C. Miller, Mr. Mehlig said that "ironically the need for BCH's services grows rather than diminishes each day: 1961 showed spot television in the \$500 million bracket, while in 1963 [it] may hit \$800 million. That is \$300 million more paper work."

"Spot radio," he continued, "stopped growing at the \$200 million level . . . has never made any substantial growth in the past three years and probably won't, unless positive steps such as a

BCH service are undertaken.

". . . Though we know that you [shareholders] can glean small solace from it, we are more certain today than ever before that BCH's pioneered principles and demonstrated performance will become tomorrow's eventuality."

BCH announced its formation and plans in 1961, began processing spot radio paper work in 1962 and added TV last June.

Of the two other companies that started out as pioneers in the clearinghouse field at about the same time, Central Media Bureau is still in operation. It has revised some of its original plans and is also offered as a service in print media buying—as originally intended as well as in television.

The third company, Broadcast Billing Co., has been absorbed by Data Inc. and has not been active in its original field for some time.

'Attitude change' best vardstick of spot value

The advertising research manager of Colgate-Palmolive Co. last week said in New York that "attitude change" is apparently the best measurement of the worth of a television commercial. Magdaline Diamantis told a luncheon meeting of the American Marketing Association that "sales" and "recall" are often used as criteria for determining the effectiveness of TV advertising but are actually inadequate as the basis of a decision. Her remarks came in a panel discussion on "How to Test Television Commercials Effectively."

Miss Diamantis stressed that a successful study of TV commercials should be integrated with a broader study of other forms of advertising in support of a product, and she added that "the administration of the study program must be uniform" at all levels. Miss Diamantis also said that cost is the strongest argument for keeping the size of the sample group down, and she i added: "considerable thought should be given to testing of competitive brands."

Appearing on the panel with Miss Diamantis was Herbert Kaye, president of a New York research firm bearing his name. Mr. Kaye said that, when possible, on-the-air tests are desirable to create a realistic situation. He also said that an inquiry should focus on the product and not directly on the commercial itself, and he added that two controlling factors in such studies are: accuracy of research findings and available budget.

The third member of the panel, Charles Allen of Audience Studies Inc., said that his group successfully uses preselected groups for study, despite the unrealistic atmosphere of a special commercial presentation. He noted that a major factor in study success is the proper selection of the test group.

Rating evaluators announce their goals

"The fastest possible completion of a series of methodology studies designed to provide one or more valid methods of measuring the full radio audience" was the goal announced last week in a joint industry investigation of radio listenership research field methods.

At the same time, a steering committee formed to oversee the study named George B. Storer Jr., president of the multiple-station Storer Broadcasting Co., chairman. The committee is composed of representatives of the National Association of Broadcasters and the Radio Advertising Bureau, which are conducting the \$200,000 study as a joint effort.

The committee also appointed a technical subcommittee (which will meet this Thursday [Dec. 19]) to make plans for the initial pilot studies to spearhead the overall project. Following its formal meeting, the committee met with Audits and Surveys, which will evaluate the actual field work.

NAB representatives on the steering committee include Hugh M. Beville, NBC; Tom Carr, wbal Baltimore: Ralph Glazer, Westinghouse Broadcasting Co. (Group W), Melvin Goldberg, NAB; Vincent Wasilewski, NAB; Ben Sanders, KICD Spencer, Iowa; Ben Strouse, wwdc Washington and chairman of the NAB radio board.

RAB-appointed members are Miles David, RAB; Alfred N. Watson, RAB; Charles Gates, won Chicago; Robert F. Hurleigh, MBS; Robert Kieve, wBBS Rochester, N. Y.; William D. Shaw, KSFO San Francisco, and Mary McKenna, Metromedia Inc.

Members of the technical subcommittee include Mrs. McKenna (chairman), and Messrs. Beville, Goldberg and Watson.

Mr. Storer was not a member of the steering committee, as appointed by either of the sponsoring associations, prior to his selection as chairman.

ODESSA-MIDLAND TEXAS

ARE NOW ...

announcing... THE AMERICAN MEDICAL ASSOCIATION'S 1964 medical journalism awards

... to recognize journalism that contributes to a better public understanding of medicine and health in the United States.

CATEGORIES OF COMPETITION

- 1—NEWSPAPERS: For a distinguished example of a news or feature story or series in a United States newspaper of general circulation published daily, Sunday or at least once a week.
- 2—MAGAZINES: For a distinguished example of an article or series in a United States magazine of general circulation published weekly, monthly, quarterly or at other regular intervals.
- 3—EDITORIAL: For a distinguished example of editorial writing in a United States newspaper of general circulation published daily, Sunday or at least once a week.
- 4—RADIO: For a distinguished example of reporting on medicine or health on a United States radio station or network.
- 5—TELEVISION: For a distinguished example of reporting on medicine or health on a United States television station or network.

The awards will **not** be given for work, however excellent, that involves primarily the relaying of medical knowledge to the medical profession and to allied professions. Members of the medical profession, medical associations and their employees are not eligible.

AWARDS AND PRESENTATION

The award in each of the five categories will consist of \$1,000 and an appropriately inscribed plaque. The awards will be presented at a time and place to be selected by the Awards Committee.

GENERAL RULES

- 1—Deadline for receipt of all entries is February 1, 1965, although entries may be submitted at any time prior to that date.
- 2—Entries must have been published or broadcast during the calendar year of 1964.
- 3—Entries for newspaper and magazine articles must be submitted in triplicate, at least one copy of which must be a tear sheet, validating the date of publication and showing the material as it appeared when presented to the public.
- 4—Entries for radio or television must consist of three copies of the complete script and a 200-word summary of the script. Television entries must be accompanied by a 16mm film with sound recording or a kinescope. Radio entries must be accompanied by a transcription or an audio tape of the show.
- 5—All entries should be submitted in simple, legible form. Elaborateness of presentation will not be a factor in the judging.
- 6-Awards will be announced April 15, 1965.
- 7-An entrant may make as many entries as he wishes.
- 8—An entrant may receive more than one award or the same award in subsequent years.
- 9—Radio and television films, tapes or kinescopes will be returned if requested. Other entries will not be returned.
- 10—All entries must be accompanied by the following information: Title of entry, writer or producer, publication in which article appeared or station or network over which program was broadcast, date entry was published or broadcast, category for which entry is submitted, name, address, and title of person submitting entry.

JUDGING OF ENTRIES .

Entries will be judged on a basis of accuracy, significance, quality, public interest, and impact. The 1964 Medical Journalism Awards Committee will include outstanding members of the publishing industry, radio and television industry and the medical profession.

All entries must be sent to the 1964 Medical Journalism Awards Committee, American Medical Association, 535 North Dearborn St., Chicago, Illinois 60610. Awards subject to state, federal and other applicable laws.

Alberto-Culver plans regular radio use

Alberto-Culver Co. plans soon to use some radio on a regular basis for one product. This does not mean, however, any major modification of the company's basic reliance on television.

TV always has received virtually all of the firm's ad budget and presently is getting nearly \$40 million on an annual basis. Alberto-Culver also has spent small amounts in magazines.

Alberto-Culver's initial spot radio test for its Command brand of men's hair dressing in 10 top markets has obtained such good results, it is understood, that after the first of the year the company is expected to expand the radio drive for Command to at least 30 markets. It no longer will be considered only a test at that time, it was learned, but it would be a going radio campaign in the usual marketing sense.

Radio, though, will not get the major share of the Command budget. Most will continue to be invested in network TV for this product. The agency is J. Walter Thompson Co., Chicago.

ITC reports 9 new sales of Jo Stafford specials

New regional and local market sales were announced last week by Independent Television Corp. for its Jo Stafford Show, a monthly series of specials to premiere in January.

Gold Strike Stamp Co., through Harris & Love Advertising has purchased six of the one-hour musical specials for Butte, Great Falls, Billings, Twin Falls, all Montana; Idaho Falls and Boise, Idaho, and Salt Lake City.

Other purchasers were Southern New England Telephone Co. for WNHC-TV New Haven, Conn. and 17th Street National Bank for KLZ-TV Denver. The shows are now sold in 78 markets.

Rep appointments . . .

- WFTv(Tv) Orlando, Fla.: Blair Television, New York, named exclusive national sales representative effective Jan.
- KKTV(TV) Colorado Springs-Pueblo, Colo.: Avery-Knodel Inc., New York, as national sales representative.
- WAYL Minneapolis: Good Music Broadcasters, New York, named exclusive national representative.
- WFUN Miami: Robert E. Eastman & Co., New York, appointed national representative.
- KPCN Dallas and KCUL Fort Worth: Jack Masla & Co., New York, appointed national representative.

(BROADCASTING ADVERTISING)



Sold nationally everywhere by ADVERTISING TIME SALES, INC.

'64 DEBATES STATUS STILL UNDECIDED

Commerce committee bypasses action on Section 315

The House Commerce Committee last week passed up an opportunity to act on a suspension of Section 315, the equal-time law, for next year's presidential and vice presidential elections.

The committee, meeting in a closed door session, turned to other items on its long agenda and put off the suspension question until next year. Its meeting last Tuesday (Dec. 10) was the last for this session of the 88th Congress. Thus, instead of putting to rest speculation that President Johnson has no intention of facing a Republican presidential candidate in joint televised appearances as his predecessor did in 1960, the committee indirectly added currency to such stories.

Representative Oren Harris (D-Ark.), committee chairman, who said the week before that it would be "likely" to presume that the committee might like to have the President's views

on the suspension before it acts, said last week, "I think we've got to take a look at the whole thing."

He did not say if he already had discussed the matter with President Johnson.

The House and the Senate have approved HJ Res 247, a resolution to suspend the equal time requirements for 1964's presidential and vice presidential races beginning up to 75 days before the election. The House version says 60 days; the Senate said 75.

This small technical difference plus the Senate's preference not to require the FCC to furnish certain reports on the suspension next year, made it necessary for the House to take another look at the resolution. The measure went back to the House in early October (BROADCASTING, Oct. 7) and has stayed there.

The suspension of Section 315 has

been requested by broadcasters. Without suspension, all minor candidates for the Presidency and Vice Presidency would be entitled to equal time if the major candidates made joint appearances on radio or television.

President Kennedy had committed himself to meet a Republican opponent on television in 1964, but President Johnson has been silent on the matter.

Meanwhile, other people had their own ideas. Sid Davis of the Westinghouse Broadcasting Co. Washington bureau, reported Monday (Dec. 9): "A personal friend and very close adviser to Johnson told me the President would be "nuts" to debate in 1964. ... President Johnson is no JFK before the camera. . . ."

A Republican party source who is quite content about the television image and debating abilities of major Republican presidential hopefuls said last week the GOP was looking forward to a joint TV appearance and would be "extremely shocked" if there were none.

And perhaps disappointed.

After original success, WTHI-TV seeks to film retrial

An Indiana television station that filmed courtroom proceedings of two murder trials in September was seeking permission last week to cover the retrial of one in which a woman juror changed her mind.

WTHI-AM-FM-TV Terre Haute, Ind.,

was filming a poll of the jury requested by the defense counsel after the jury had found his defendant guilty, when a juror admitted that she was no longer sure of her vote.

Betty Chadwick, WTHI-TV's chief photographer, had been photograph-

ing the proceedings from her stationary camera position in the rear of a Vigo county circuit courtroom when the incident occurred Sept. 17. It was the second murder trial Miss Chadwick had filmed in an Indiana courtroom in a week.

Television access to Indiana courts has not been quite the problem for stations there as it has been in other states. According to Charles F. Cremer, administrator of news and public affairs, the station has found area judges cooperative when it has sought courtroom access for its cameras and microphones. The judges and attorneys involved in cases the station covered in September have told WTHI that the coverage was unobtrusive, unobstructive to legal procedure and did not detract from the conduct of the trial, Mr. Cremer said.

The station used available light and placed microphones near the judge's bench and in the jury box, but recorded sound only during the judge's instructions to the jury and the foreman's delivery of a verdict.

A sound camera was used throughout, however, because it was quieter than silent equipment, Mr. Cremer explained. The camera was located in the rear of the courtroom where it could cover the jury and the judge, but witnesses giving testimony were filmed with backs to the camera.



In this photo printed from 16 mm motion picture film shot in an Indiana courtroom by WTHI-TV Terre Haute, Vigo county prosecuting at-

torney Ralph Berry (facing camera) cross-examines James E. Spellman, defendant in a murder trial last September.

Four CBS-TV-owned stations buy films

In what was described as "the most important licensing agreement ever made" for post-1950 feature films, Seven Arts Associated Corp. announced last week that 215 Universal-International features have been bought by four of the CBS-TV-owned stations. The overall price is understood to be in excess of \$15 million.

The stations involved in the transaction are wcbs-tv New York, wbbM-tv Chicago, wcau-tv Philadelphia and kmox-tv St. Louis. It was reported that knxt(tv) Los Angeles, the CBS-TV-owned station there, was excluded from negotiating because khj-tv Los Angeles previously had picked up an option for the Seven Arts package. The sale is believed to be the largest for any single feature film transaction to date.

Seven Arts acquired the 215 post-1950 features from Universal last summer for \$21.5 million plus a percentage of the gross sales. Seven Arts obtained the TV rights for 10 years for showing in the United States, Canada, Puerto Rico and the Virgin Islands (BROAD-CASTING, July 22).

Included in the titles, of which 109 were produced in color, are "Magnificent Obsession," with Rock Hudson and Jane Wyman; "The Glenn Miller Story," with James Stewart and June Allyson; "Man Without a Star," with Kirk Douglas and Claire Trevor; "Winchester 73," with James Stewart and Rock Hudson; "Mississippi," with Tyrone Power and Piper Laurie; "All that Heaven Allows," with Rock Hudson and Agnes Moorehead; "Bend of the River," with James Stewart and Arthur Kennedy; "Tomahawk," with Van Heflin and Yvonne De Carlo and "The Spoilers" with Jeff Chandler, Jack Palance and Rita Gam.

Film sales ...

Love That Bob (MCA TV): Sold to WHIO-TV Dayton, Ohio.

Famous Playhouse (MCATV): Sold to WBAL-TV Baltimore, Md.

The Mighty Hercules (Trans-Lux): Sold to Armed Forces Radio and Television Service, Los Angeles; wroc-tv Rochester, N. Y., and Rediffusion Ltd., Hong Kong.

Felix the Cat (Trans-Lux): Sold to KBMT-TV Beaumont, Tex.

Guest Shot (Trans-Lux): Sold to Rediffusion Ltd., Hong Kong.

Encyclopedia Britannica Films (Trans-Lux): Sold to KBLU-TV Yuma, Ariz., and WHEC(TV) Rochester, N. Y.

Tarzan (Banner Films): Sold to WRVA-TV Richmond, Va.; KVOS-TV Bell-

TvQ's top 10 for November by age

		Total		Age groups			
Ra	nk Program	Audience TvQ*	6-11 T vQ	12-17 TvQ	18-34 TvQ	35-49 TvQ	50+ TvQ
1	Bonanza (NBC)	54	55	69	48	53	52
2	Beverly Hillbillies (CBS)	52	81	66	43	44	44
3	Disney World of Color (NBC)	46	64	47	38	42	47
3	Saturday Night Movies (NBC)	46	49	61	44	46	36
5	Andy Griffith (CBS)	44	60	45	38	40	46
6	Red Skelton (CBS)	41	63	45	35	37	37
7	Gunsmoke (CBS)	40	48	39	30	39	45
8	Combat (ABC)	38	56	51	35	32	27
8	Dick Van Dyke (CBS)	38	51	58	37	33	26
8	The Fugitive (ABC)	38	22	45	50	37	25
8	Monday Night Movies (NBC)	38	36	49	39	39	30
8	Virginian (NBC)	38	43	40	34	34	41

*Percentage of those familiar with program and who say it is one of their favorites. Copyright Home Testing Institute Inc., 1963

ingham, Wash.; WFBM-TV Indianapolis; WGAN-TV Portland, Me.; WLOS-TV Asheville, N. C.; WDEF-TV Chattanooga; WOW-TV Omaha; KOTV(TV) Tulsa, Okla.; WNEP-TV Scranton, Pa.; KTVT (TV) Fort Worth; WKY-TV Oklahoma City; KOAT-TV Albuquerque, N. M.; KOLO-TV Reno; KORK-TV Las Vegas and WOOD-TV Grand Rapids, Mich.

The Little Story Shop (Hollywood Television Service): Animated puppet series sold to WSLS-TV Roanoke, Va;. KNTV(TV) San Jose, Calif.; WHYN-TV Springfield, Mass.; WBAP-TV Fort Worth; WLEX-TV Lexington, Ky.; WJHL-TV Johnson City - Kingsport - Bristol, Tenn.; KXTV(TV) Sacramento, Calif.; WGHP-TV High Point, N. C.; WHIS-TV Bluefield, W. Va.; CKCK-TV Regina, Sask., and CKSO-TV Sudbury, Ont.

Christmas in the Holy Land (MGM TV): Sold to WCHS-TV Charleston, W. Va.; WFTV(TV) Orlando, Fla.; KGBT-TV Harlingen, Tex.; WTVT(TV) Tampa-St. Petersburg, Fla., and KVIQ-TV Eureka. Calif.

Post-'48 features (MGM TV): Sold to KTBC-TV Austin, Tex., and KIFI-TV Idaho Falls, Idaho.

Pre-'48 features (MGM TV): Sold to KCMO-TV Kansas City, Mo.

135 MGM Cartoons (MGM TV): Sold to KTTV(TV) Los Angeles.

The Islanders (MGM TV): Sold to WINK-TV Fort Myers, Fla., and WTVW (TV) Evansville, Ind.

Our Gang Comedies (MGM TV): Sold to KHJ-TV Los Angeles.

Sam Benedict (MGM TV): Sold to wtvw(tv) Evansville, Ind., and winktv Fort Myers, Fla.

Cain's Hundred (MGM TV): Sold to WINK-TV Fort Myers, Fla.

Asphalt Jungle (MGM TV): Sold to wrvw(rv) Evansville, Ind.

Exploitables (Allied Artists TV):

Sold to WTTG(TV) Washington; WTTV (TV) Indianapolis; KCTO-TV Denver; WZZM-TV Grand Rapids, Mich.; WRVA-TV Richmond, Va.; KAVE-TV Carlsbad, N. M. and WKNX-TV Saginaw, Mich. Now sold in 59 markets.

Box Office 26 (United Artists TV): Sold to KFEQ-TV St. Joseph, Mo.; wspatv Spartanburg, S. C.; wtoc-tv Savannah, Ga.; wboc-tv Salisbury, Md.; wrva-tv Richmond, Va.; kfix(tv) San Francisco; wral-tv Raleigh, N. C.; wsoc-tv Charlotte, N. C.; kfda-tv Amarillo, Tex. and wchs-tv Charleston, W. Va. Now sold in 130 markets.

Zoorama (Trans-Lux): Sold to KGO-TV San Francisco, WCSH-TV Portland, Me., and KTVB(TV) Boise, Idaho.

Top Draw Feature Films (Trans-Lux): Sold to KGO-TV San Francisco.

The Human Jungle (United Artists TV): Sold to KCOP(TV) Los Angeles, first U. S. station to acquire this 60-minute British series.

The Story of Christmas (Seven Arts): Sold to KCOP(TV) Los Angeles; KOB-TV Albuquerque, N. M.; WTVP(TV) Decatur, Ill.; KBTV(TV) Denver; WFRV (TV) Green Bay, Wis.; KLAS-TV Las Vegas; WKOW-TV Madison, Wis.; WOW-TV Omaha; KOLO-TV Reno; KSL-TV Salt Lake City and KAKE-TV Wichita, Kan. Now in 11 markets.

A Christinas Carol (Seven Arts): Sold to Kron-Tv San Francisco; wgr-Tv Buffalo; wdaf-Tv Kansas City, Mo.; kcto(tv) Denver; wnys-Tv Syracuse, N. Y.; ksl-Tv Salt Lake City; kero-Tv Bakersfield, Calif.; kulr-Tv Billings, Mont.; wcia-Tv Champaign, Ill.; wfrv (tv) Green Bay, Wis.; kval-Tv Eugene, Ore.; kviq-Tv Eureka, Calif.; krtv(tv) Great Falls, Mont.; kgbt-tv Harlingen, Tex.; week-Tv Peoria, Ill.; kpho-tv Phoenix, Ariz., and wthi-tv Terre Haute, Ind. Now in 17 markets.

Bob Hope Features (Allied Artists): Sold to KLAS-TV Las Vegas; KTVK-TV

Revitalized IPI moves into programing on a major scale

From common stock to videotaped commercials to program production sums up the progress report of International Production Inc., Hollywood.

Robert Brandt, president, reported last week during a business trip to New York that IPI, which expanded into the program field only five months ago, has sold four sports specials to CBS-TV and is preparing pilots of three series for the 1964-65 season.

The company was organized in 1959 under the name, International Video Tape & Recording Productions Inc. to produce commercials and lease facilities. The financing was provided by more than 500 clients of Mr. Brandt's Los Angeles brokerage firm. They invested more than \$1.2 million in the venture.

Last summer, Mr. Brandt decided that in order to flourish (and protect his clients' investment), the company had to become active in TV program production. He assumed presidency of the firm, changed its name several weeks ago, and engaged several programing specialists, including Fred Hamilton, who had been associated with Bonanza, The Lawless Years and Fibber McGee and Molly.

The initial buys by CBS-TV, Mr. Brandt said, are a one-hour tennis



Mr. Brandt

Let personalities participate

special spotlighting Pancho Gonzales, Pancho Segura, Dean Martin and Edie Adams; a half-hour program on the Salton Sea speedboat races; another half-hour special on a trip up the turbulent Colorado River by two boatsmen, and a fourth on the Sacramento field trials of hunting dogs, featuring comedian Andy Devine. Mr. Brandt thinks there is a market

for sports specials in which "name personalities" participate.

For his pilot program projects, Mr. Brandt calls on his brokerage company clients for investment, much as Broadway producers call on "angels." Among the taped pilots in preparation, he recounted, are Tonight We Improvise, in which well-known actors are presented with a situation and spontaneously develop a dramatic interlude; Mr. and Mrs. Pollcat, in which professional actors discuss a sensitive subject and then involve bystanders (this will be taped on location), and Time of Challenge, a daytime dramatic series to be taped on location.

IPI has a \$500,000 mobile unit, according to Mr. Brandt. It is a 54-foot truck and trailer, housing four Marconi camera chains and two Ampex recorders as well as associated equipment. The company also leases space at the Carthay Studio in Los Angeles.

The company continues as a producer of taped commercials while expanding into the programing area. In addition to Mr. Brandt, IPI executives include Mr. Hamilton, vice president in charge of programing; Dick Rosenbloom, vice president in charge of sales and Bill Wallace, vice president in charge of production

Phoenix, Ariz.; wknx-tv Saginaw, Mich.; kend-tv Fargo, N. D.; wkzo-tv Kalamazoo, Mich.; kono-tv San Antonio, Tex.; wrex-tv Rockford, Ill. and wdaf-tv Kansas City, Mo.

Showcase for the 60's (United Artists): Sold to CFRN-TV Edmonton, Alberta; CHBC-TV Kelowna, B. C.; KCBI-TV Prince Albert, Sask.; CHCA-TV Red Deer, Alberta; CJLH-TV Lethbridge, Alberta; CKX-TV Brandon, Man.; WHTV (TV) White Horse, Yukon Territory; CBWT-TV Winnipeg, Man.; CKCK-TV Regina, Sask.; CKRS-TV Janquiere, Que.; CBUT-TV Vancouver, B. C.; CBHT-TV Halifax, N. S. and CHCT-TV Calgary, Alberta.

House group says editorials worthwhile

The House Communications Subcommittee, which conducted hearings on broadcast editorials in July and September, agreed last week that editorials on the air serve the public interest.

But it also agreed that a decision not to editorialize should not be construed as failure to contribute to a broadcaster's community.

This view and others on the delicate question of fairness were to be expressed in a letter the subcommittee was drafting last week to Representative Oren Harris (D-Ark.), chairman of the parent Commerce Committee. The document was expected to stand for the time being as a reflection of the subcommittee's thinking in this area, but was not thought to be anything like the last word it would have to say on fairness and editorializing.

In fact, as Representative Walter Rogers (D-Tex.), subcommittee chairman, explained last week, the panel plans to look further into both issues carly next year. It has legislation pending on two questions raised during its editorializing hearing: (1) should a candidate be entitled by law to answer editorial attacks on the facilities of a station which carried them (or to answer a station's endorsement of his opponent), and (2) whether broadcasters must provide free time for the airing of views contrasting those broadcast in a paid program.

Representative Rogers said the sub-

committee reached a consensus that "editorializing is a method of participating in the public interest of a community, but that not to [editorialize] does not mark failure to contribute."

He also said the subcommittee would entertain legislation to require broadcasters who editorialize to identify their editorials as opinion and to announce that their facilities will be made available for contrasting views. This was likened to Section 317 of the Communications Act which requires identification of sponsors and political announcements.

The subcommittee also will go into the FCC's license fee schedule which takes effect Jan. 1. Representative Rogers has said the commission does not presently have authority to institute its fees. Some firms affected by the fees have taken the matter to court (see page 74).

Oral contraceptive show

NBC-TV has scheduled a special hour colorcast discussion Sunday, Jan. 12 (10-11 p.m.), of the social and religious aspects of a new birth control



Here's the word on \$191 million in automotive sales

Mention FLINTSAGINAWBAYCITY and you're talking about a lot more than simply the 37th metropolitan television market.

Because every morning our transmitter goes on, the boundaries disappear and these three Michigan cities come together as a single television buy.

As do the more than 188,000 TV homes in the 3-city metropolitan area where the average spend-

able income is \$6,904. And where people spend about \$275 more each year than the national average—enough to buy a lot of car parts and accessories, or even help to buy a car.

A Harrington, Righter and Parsons man will be happy to get things rolling for you. Just ask him about flintsaginawbaycity. WJRT/Channel 12/ABC Primary/Division: The Goodwill Stations, Inc.



pill now being used in Puerto Rico and Kentucky.

Reporter David Brinkley will moderate the program, which will include an interview with Dr. John Rock, director of the Rock Reproduction Study Clinic in Boston and co-developer of the first oral contraceptive.

AMA sets contest deadline

The American Medical Association has announced its 1964 Medical Journalism Awards competition for distinguished radio and television and print media reporting on medicine or health.

The AMA will award \$1,000 and a plaque in each of five categories. Deadline for entries published or broadcast in 1964 is Feb. 1, 1965. Awards will be announced April 15, 1965. Further information is available from the AMA, 535 North Dearborn Street, Chicago 10.

\$1 million film buv

WNEW-TV New York last week announced the largest single feature film acquisition deal in the station's history -a \$1 million purchase of 125 pre-1948's from MGM-TV. The pictures include "Woman of the Year." "Treasure Island," "Edward My Son," "Dr. Jekyll and Mr. Hyde," "Thirty Seconds Over Tokyo," "They Were Expendable" and "Command Decision."

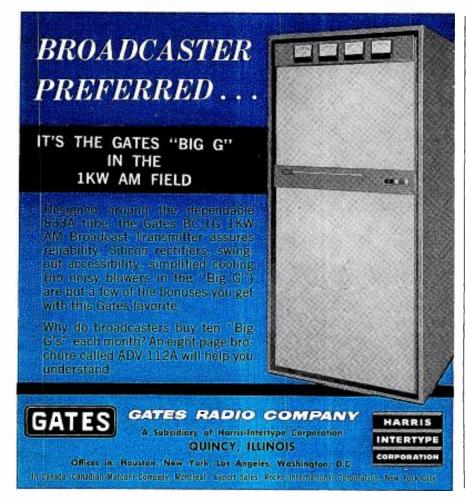
Closed circuit to link 25 cities for GOP rally

The Republican party will kick off its 1964 election campaign with fund raising dinners in major cities tied together by closed circuit TV Jan. 29.

The telecast, handled by Theater Network Television of New York, will cost about \$250,000 for the 25 cities scheduled as of last week. Film excerpts will be made available to broadcasters, TNT said.

A program which included satirical references to the Kennedy administration has been scrapped, but other entertainment is being planned. Meanwhile, the party's plans for TV appearances by GOP leaders were unchanged and included former President Eisenhower and Vice President Nixon, Arizona Senator Barry Goldwater and Governors Rockefeller of New York, Scranton of Pennsylvania and Romney of Michigan.

Emphasis will be on \$100-a-plate dinner formats, a party spokesman said last week, but because this will be the GOP's major fund-raising effort for next year, the party is urging contributions well in excess of that figure. The party is presently \$200,000 in debt. It held a similar TV-linked rally early in 1962.



TW3 matches Mitch

That Was the Week That Was, previewed last month by NBC-TV, reportedly caused high viewer interest levels on a par with response to the first presentation of Sing Along with Mitch in 1960. Reaction figures comparing the two shows were released last week by TvQ, New York television research firm.

	Sing Along	Week That Was
Respondents familiar with show—percent	20	14
Percentage who con- sidered show a "fav- orite" (from all re- spondents)	9	6
Percentage of those familiar with show who considered it a	43	44

That Was the Week That Was, often shorted to TW3, has been scheduled for Friday nights by NBC-TV (BROADCASTING, Dec. 9). It is a satiric review of the week's news.

No change in Paar libretto

NBC reported late last week that there is no change in the situation concerning comedian Jack Paar, who has announced that he will leave the network because of a schedule dispute. There had been speculation that Mr. Paar's Friday night show would be expanded to run from 9:30-11 p.m. EST, but the 9:30-10 p.m. time slot being vacated by Harry's Girls was given instead to the new topical satire program That Was the Week That Was.

One-third sponsorship of the new show, scheduled to make its debut Jan. 10, has been purchased by Clairol Inc., through Foote, Cone & Belding, New York and by Brown & Williamson Tobacco through Post-Keyes-Gardner.

'Making of President' on TV

Theodore H. White's Pulitzer prizewinning book, The Making of the President 1960, has been adapted for television for showing on ABC-TV Sunday, Dec. 29 (8:30-11 p.m.).

Produced by Wolper Productions Inc., the script was written by Mr. White before the assassination of President Kennedy. Following the President's death, Mr. White made no changes in the script, but did add a short prologue to the story that tells how Mr. Kennedy and Richard Nixon became their parties' candidates for the presidency and how Mr. Kennedy was elected.

Xerox Corp., through Papert, Koenig, Lois, Inc., New York, will sponsor the program.



Above The Clouds

Each weekday morning for over 6 years Television Station WREC-TV in Memphis has presented a 15-minute inspirational program titled "Above The Clouds." Produced in cooperation with the well-known Memphis Union Mission, "Above The Clouds" fea-

tures religious music and songs with guest ministers of all faiths from Memphis and the Mid-South area. This daily devotional program is a continuing part of our efforts to serve all the community needs and interests. It is just one of many public service features

that WREC-TV regularly presents to its large and responsive audience.



'SOON' IS JUST AROUND THE CORNER

This could be week of revised TV program reporting form

For years, FCC officials have been predicting the adoption "soon" of a revised program reporting form for television. Last week, the prediction was heard again—and this time, apparently, there was more basis for it than usual.

The commission reportedly agreed to put out for industry comments a revised reporting form—actually, Part IV of the Broadcast Application Form—prepared by a three-member committee of commissioners. The form—now being put in final shape by the staff, is expected to be released soon, probably this week.

But in a departure from past practices, the commission will ask that comments on the form be given orally, rather than in written form. The commission has set Feb. 13 as the date for industry spokesmen to comment—in person.

The commissioners decided on this procedure to save themselves from another torrent of "paper." Previous versions of the revised form—which is intended to implement the commission's 1960 statement on programing policy—have been put out for comments twice.

The form expected to be published this week is understood to be similar to

the one that the commissioners have been mulling over for months, with only slight changes in emphasis.

Reportedly, there are a number of differences of opinion among the commissioners on a number of points in the form. But so great was the determination to put "something" out without further delay, the differences were quickly submerged.

The sudden breakthrough appeared to be related to the decision to abandon the proposed commercial time-limit rulemaking (story page 39). Both decisions were taken at a special meeting Thursday (Dec. 12).

Case-By-Case In dropping the commercial-limitation rulemaking, the commission is expected to say that it will check for overcommercialization on a case-by-case basis and that the revised program reporting form will make this possible.

The proposed form would, it is understood, require licensees to report their commercials by minutes and percentages of programing, in composite and typical weeks. This would give the commission a quick check on the amount of commercials carried by a station. It would also permit it to com-

pare promise versus performance.

In other aspects, the form would require an applicant to report on what he has done to survey community needs and interests, how he evaluates those needs and interests and what programs he intends to carry as a result.

Some Paper Work • Much of this information would have to be set forth in considerable detail. For instance, the form would reportedly require the licensee, in reporting on his survey of needs and interests, to list the names of individuals and organizations contacted, to relate their views and to discuss his evaluation of them.

The programs he intends to carry to meet needs and interests would be carried in chart form, identified by title, source and time slot and frequency, and broken down according to the 14 categories the 1960 program policy statement says "are usually necessary" to satisfy community interests and needs.

A similar chart reporting the programing actually carried in the preceding reporting period would also have to be completed.

In addition, the applicant would list, by types, the special programs (both network and local) he intends to broadcast. He would also be asked to explain any serious discrepancies between the programing that was proposed and delivered.

One issue that has troubled the commissioners is whether the reporting form should be filed every three years, as at present, or annually. The commission is sure to ask industry spokesmen to comment on this aspect.

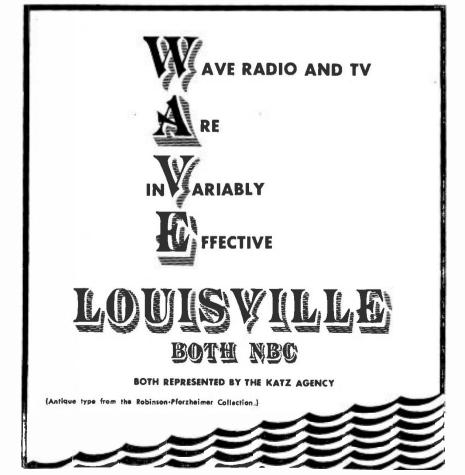
It was reported last week that the form, as it will be put out for comments, will propose that at least the section on commercials, possibly the one dealing with programing, be filed annually.

Commission sources frankly acknowledge the form will require much more work for applicants than the one now being used. That one doesn't involve much more than a translation of material from logs into the reporting form.

Be A Pro • However, the commission's defense of the form is expected to be that it would, in effect, force the applicant to study his community closely and become an expert on what is needed to satisfy its needs and interests.

Some commissioners feel this knowledge would protect the applicant from questions from the agency about his programing. These officials say that once an applicant has demonstrated his expertise and submitted plans for meeting his community's needs, the FCC would have no grounds for questioning him.

The commission will get to work in earnest on a revised program reporting form for radio at a special meeting Jan. 6. Proposals on how the form should be



COMPETITION IS GOOD FOR EVERYBODY

IN 1939, before **BMI,** the broadcaster's major music license entitled him to use the catalogs of 137 music publishers of the United States.

TODAY, broadcasters may choose their music from the catalogs of many thousands of publishers, over half of which are affiliated with **BMI.**



BROADCAST MUSIC INC.

589 Fifth Avenue

New York 17, N.Y.

Special Holiday Rates



BROADCASTING

THE BUSINESSWEEKLY OF TELEVISION AND RADIO

ONE YEAR SUBSCRIPTION 52 WEEKLY ISSUES—\$8.50 **EACH ADDITIONAL GIFT—\$7.50**

Reduced Rates Effective through December, 1963

Please send 52 issues of BROADCASTING as my gift to:

	name		title/	'position	Pa-
	company	name			requi
\$ 8 .50	street & n	umber			occupotion required
	city	Sign gift card	zone	state	dnooo
	name		title/po	sition	
	company	name			requir
\$16.00	street & n	umber			occupation required
	city	Sign gift card	zone	state	0000
	nome		title/	position	—— p
3	company	name			requir
\$23.50	street & n	umber			ation ——
	city	Sign gift card	zone	state	occupation required
	name		title/	position	
	company	name			
\$31.00	street & n	umber			accupation required
	city	Sign gift card	zone	state	dnood
	all orders	ubscriptions ma	event of duplication y	ou will be notifie	
DA		nclose \$	please bi]] 	
7	name				
MAIL TO	street & nu	ımber			
MA.	city		zone	state	

BROADCASTING Subscription Department • 1735 DeSales St., Wash., D. C. 20036

62 (PRDGRAMING)

revised keep shifting, but ultimately it is expected to be a far simpler one to complete than the one for television.

Present proposals would require applicants to report on commercials carried by percent of programing material. The applicant also would be required to report on a survey of community needs and on plans for carrying various broad types of programing, such as news, public affairs and entertainment.

Answer due Tuesday on NCAA football

The television committee of the National Collegiate Athletic Association will open sealed envelopes in New York's Manhattan hotel Tuesday (Dec. 17), and the high bidder will receive rights to major collegiate football games for 1964 and 1965.

CBS-TV ended its two-year, \$10.2 million pact with the Alabama-Miami game last Saturday (Dec. 14).

The NCAA games, which have been shown on all three networks in the past decade, are expected to go for \$11 million to \$11.5 million. While some industry sources feel the figure could be higher, others say the point of saturation in buying rights is very near.

These people also point to the upcoming bids for the National Football League games, also concluding a \$9.3 million, two-year, CBS-TV contract. It is expected the NFL bids will be \$1 million to \$2 million higher than those for the NCAA, and the question of just how much of an increase sponsors will take is paramount (BROADCASTING, Sept. 30).

WJRZ has repertory group

WJRZ Newark announced last week it has formed a new repertory company for a weekly 2½-hour program of American and European drama. The company is under the direction of Ann Giudici, whose credits include several off-Broadway plays. WJRZ plans to tape the programs throughout the winter, with the first broadcast to be presented next April.

A Children's Theater of fantasy and dramatic readings of clasical literature for the younger audience also will be presented on Saturday mornings.

Oswald special set on CBS-TV

CBS-TV has scheduled The Law and Lee Oswald, a one-hour special on the legal aspects involved in the case of Lee Harvey Oswald-suspect in the assassination of President Kennedy-Dec. 22 (2-3 p.m. EST).

The discussion program, will focus on the question of whether Oswald was receiving all his constitutional rights under due process of law. There have



YOU MAY NEVER HEAR THE COMMONEST LANGUAGE*_

BUT... WKZO Radio Talks to the Most People in Kalamazoo and Greater Western Michigan!

WKZO Radio is far and away heard the most in the significant market it serves.

The 6-county Pulse of Sept. '62 tells it in plain English: WKZO Radio outscored all others in 358 of 360 quarter-hours surveyed, and won *all* hours surveyed both in total listening and adult listening. (It's Greek to us what happened on the two quarter-hours we lost.)

We broadcast the well-heard word all over Greater Western Michigan. NCS '61 shows WKZO Radio's circulation ahead of every radio rival in the area—a whopping 40.4% greater than all other Kalamazoo stations combined.

It's a market worth more than mere lip service. Sales Management has predicted that Kalamazoo alone will outgrow all other U. S. cities in personal income and retail sales between 1960 and 1965.

Let your Avery-Knodel man whisper sweet somethings in your ear about WKZO Radio!

6-COUNTY PULSE REPORT

KALAMAZOO RETAIL TRADING AREA—SEPTEMBER, 1962
SHARE OF AUDIENCE—MONDAY-FRIDAY

	WKZO	Station "B"	Station "C"
6 A.M 12 NOON	30	19	5
12 NOON - 6 P.M.	27	18	6
6 P.M MIDNIGHT	40	17	x

Rating projections are estimates only, subject to any defects and limitations of source material and methods, and may or may not be accurate measurements of true audiences.

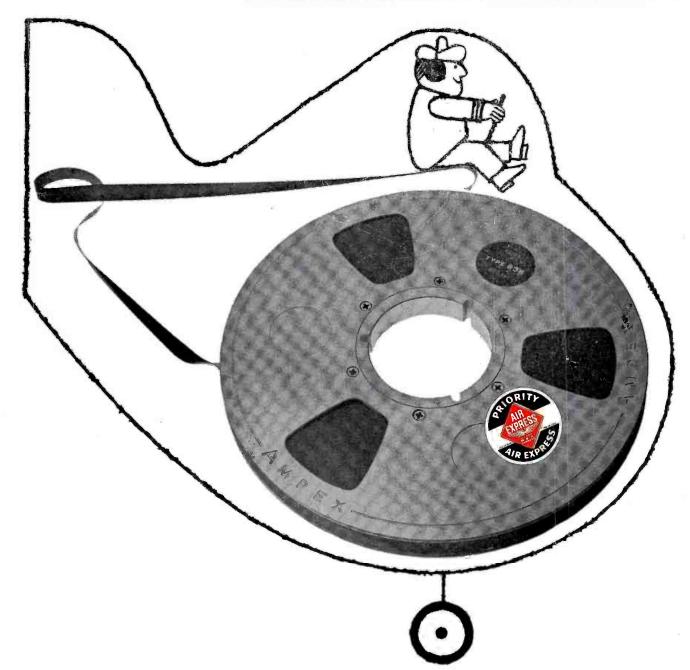
* An estimated 460 million people speak Mandarin (Northern Chinese).

The Felzer Stational RADIO WKZO KALAMAZOO-BATTLE CREEK WIEF GRAND RAPIDS. WIFM GRAND RAPIDS-KALAMAZOO WWTV-FM CADILLAC TELEVISION WKZO-TV GRAND RAPIDS-KALAMAZOO WWTV/ CADILLAC-TRAVERSE CITY WWTV/ CADILLAC-TRAVERSE CITY WWTV/ LINCOLN, NEBRASKA KGIN-TV/ LINCOLN, NEBRASKA KGIN-TV/ GRAND ISLAND, NEB.

WKZO

CBS RADIO FOR KALAMAZOO
AND GREATER WESTERN MICHIGAN

Avery-Knodel, Inc., Exclusive National Representatives



Ask Ampex how Air Express keeps them ahead.



"We make sure Ampex machines all over the country are up-to-date with Air Express."

-Robert L. Bary, Traffic Manager
Ampex Corporation, Redwood City, Calif.

Ampex, leader in the highly competitive field of magnetic recording equipment, is continually improving its products. To pass on these improvements to users of its equipment, Ampex relies heavily on Air Express. Regular, daily Air Express pick-ups speed modifications to customers as soon as the changes are perfected.

Ampex also uses Air Express to hold down its inventory of 21,000 different and expensive parts. Air Express' overnight delivery service makes it possible to keep inventory to a minimum—and still get vital parts in time to meet production schedules.

Fast-moving companies like Ampex make Air Express a regular part of their operations. Try it and see how it adds to your success.



So, who was out selling the shows?

An employment high for any TV studio was reached Thursday (Dec. 12) when Revue reported 5,300 persons on its Universal City studios payroll. Total was a 51% increase over the previous record of 3,500, reached Aug. 29, also by Revue. At that time the company had 11 segments of television series in production; last Thursday the total was 19.

This all-out filming effort occupied every one of the 32 sound stages on the 410-acre lot, plus six backlot locations, and four other units were relegated to off-lot locations, Revue reported.

The employes included 1,385 actors (210 series regulars, featured

players and guest stars; the rest bit players, extras and stand-ins); 2,675 off-camera personnel, from laborers to executive producers, with 1,240 members of the Revue executive and administrative staffs completing the count

The 19 telefilms on Thursday's shooting schedule were: three segments of Kraft Suspense Theater; two of Wagon Train, Arrest and Trial, Bob Hope-Chrysler Theater; one—The Virginian, Destry, Mc-Hale's Navy, Jack Benny Show, Channing and the initial segments of four new shows, Karen, 90 Bristol Court, Broadside and Night People, plus television's first two-hour telefilm, Johnny North.

been some recent charges that he could not have been given a fair trial in the light of overwhelming publicity of the case (BROADCASTING, Dec. 9). The program will be moderated by Dan Rather, CBS newsman who covered Oswald's arrest, detention and slaying in Dallas.

'Trust' to be replaced by new quiz with Clark

ABC-TV plans to revise its daytime programing beginning Dec. 30 by inserting a new quiz show called *The Object Is*, starring Dick Clark, in place of *Who Do You Trust?*

The new daytime lineup (all times EST): 11-11:30, The Price Is Right; 11:30-noon, The Object Is; noon-12:30, Seven Keys; 12:30-1, Father Knows Best; 1-1:30, Tennessee Ernie Ford Show; 2:30-2:55, Day in Court; 2:55-3, Lisa Howard News; 3-3:30, General Hospital; 3:30-4 Queen for a Day; 4-5, Trailmaster.

25 planning grants given for TV study

Planning grants of \$250 each were awarded to 25 social scientists last week by the Joint Committee for Research on Television and Children. The 25 were selected by the government-backed committee, which wants to discover the influence of TV on children, from proposals solicited last summer (BROADCASTING, Aug. 5).

The recipients must now submit detailed research designs and the committee will pick a few as deserving of larger grants. The study first began as an outgrowth of hearings by the Senate Juvenile Delinquency Subcommittee more than a year ago (BROADCASTING, July 9, 1962), and the final result will probably not be in for years, according

to Bernard Russell, special assistant to the secretary of the Department of Health, Education and Welfare.

Mr. Russell was head of the committee until last week, when a permanent chairman was elected, Dr. Gerhart D. Wiebe, dean of the School of Public Relations and Communication at Boston University.

Other members of the committee include Melvin A. Goldberg, vice president-research director of the National Association of Broadcasters; Julius Barnathan, ABC; Frank Shakespeare, CBS, and Louis Hausman, NBC.

KWOS wins coverage fight

Kwos Jefferson City, Mo., after a month of negotiations, was able to break local precedent Dec. 3 to cover three hours of the city's council meeting at which the presiding officer was unexpectedly routed from the chair after nearly two hours of parliamentary maneuvering by his opposition.

Extensive favorable listener reaction, plus local newspaper commendation, followed the event all week, according to William Natsch Jr., Kwos station manager. Kwos originally sought to cover debate on a gross receipts tax bill. Earlier this year kwos aired debate in the state legislature.

Program notes ...

TV rights purchased • Holbrook Productions has purchased the television rights to *The Player: A Profile of an Art* by Lillian and Helen Ross. The company plans to present half-hour documentaries of some of the 55 actors who were profiled in the book.

Christmas special • An hour-long colorcast of *Podrecca's Piccoli Theater*, famed Italian marionette troupe, has been syndicated to 39 stations for show-

Ever take the PULSE of your HOOPER?

WILS did. We found our PULSE to be remarkably like our HOOPER. Both show how well Lansing likes Radio WILS... like this:

PULSE: May 1-21, 1963

6 AM-12 Noon WILS 12 Noon-7 PM

63⁸ 58⁸

AUDIENCE ESTIMATE

HOOPER: Jan.-Mar. 1963

7 AM-12 Noon WILS 12 Noon-6 PM

62[%] 68[%]

SHARE OF RADIO AUDIENCE

Our PULSE audience composition showed WILS having from two to three times the adult listeners in each measured time period from 6 AM to 7 PM.

What earns this audience for WILS?



We broadcast 24 Hrs.-A-Day.

48 NEWSCASTS We have news 48 times a day ... plus editorials



We feature our D.J. Personalities. They are liked.



We go where the action is. We did 125 trailer remotes last year.

Why Lansing is your market SALES MANAGEMENT Ranks us:

21st in Retail Sales per Household (3rd in Metro Cities over 200,000)

94th in Population and Households (always in the top 100)

Lansing is the state capital and the home of Oldsmobile and Michigan State University (more than 25,000 students).

For more information contact our rep (Venard, Torbet & McConnell, Inc.) or, write to:



ing during the Christmas holiday season. The program was produced by Triangle Stations at WFIL-TV Philadelphia and features Dick Clark as host.

'Bingo' purchased = TV Bingo, a live syndicated show produced by Idea Research and Development Corp., Santa Rosa, Calif., has been purchased by 11 more stations and is now in 67 markets, according to Jerry Baker of Idea Research. Latest sales are to wky-tv Oklahoma City; kris-tv Corpus Christi, Tex.; wtvk(tv) Knoxville, Tenn.; wxtv(tv) Youngstown, Ohio; wthi-tv Elkhart-South Bend, Ind.; wtaf(tv) Marion, Ind.; kmtv(tv) Omaha; kacb-tv San Angelo, Tex.; and cjto-tv Toronto.

Esso adds 3 stations

The addition of three stations brings to seven the number that will show the monthly Esso World Theater anthology of eight different National Heritage programs. Standard Oil of New Jersey, through Needham, Louis and Brorby, is the sponsor (BROADCASTING, Nov. 25).

New stations are WMAL-TV Washington, WBAL-TV Baltimore and WXEX-TV Petersburg-Richmond, Va. The series begins Jan. 12 on WOR-TV New York

with "England: Puritan versus Cavalier." Other stations signed are WHDH-TV Boston, WOKR(TV) Rochester, N.Y., and WNHC-TV New Haven, Conn.

Dates set for NBC, CBS annual news roundups

Both CBS and NBC have again called key correspondents from posts around the world to gather in New York for special news programs at the year's end.

special news programs at the year's end. The NBC foreign-based newsmen will join other staff reporters on *Projection '64*, a one-hour discussion program scheduled in color over NBC-TV Dec. 29 (10-11 p.m. EST). The special will be sponsored by the Gulf Oil Corp. through Young & Rubicam, New York. Following the program, the foreign correspondents will tour 10 American cities for speaking engagements.

Eight top CBS foreign correspondents will travel to New York for Years of Crisis, an hour news review program, which will be broadcast Jan. 1, 1964 (7:30-8:30 p.m. EST) over CBS-TV and CBS Radio. The moderator will be Eric Sevareid.

Projection '64 will be the seventh annual program of its kind to be presented by NBC News, while Years of Crisis is CBS News's 14th annual evaluation of major developments.

FINANCIAL REPORTS

Ampex sales up 12% in first half

Sales for the first half of its fiscal year were up 12%, Ampex Corp. President William E. Roberts has reported, although after-tax earnings remained about the same.

Six months ended Oct. 31:

Collins declares dividend

Collins Radio Co. announced a semiannual cash dividend of 20 cents per common share last week, payable Jan. 2, to stockholders of record Dec. 23. Similar dividend was paid last July 3.

Similar dividend was paid last July Three months ended Nov. 1:

Earned per share* \$.40 \$.32 Net sales 66,356,000 55,628,000 Net income 888,000 Restated net income (1) 883,000 883,000

(1) Restated net income shows amounts as they would have appeared for the first quarter of fiscal year 1963 had a change from accelerated to straight-line depreciation, adopted subsequent to the first quarter of 1963, been made at that time. *Based on 2,230,080 common shares outstanding, compared to 2,230,064 for same period last year.

UA's bright third quarter

United Artists Corp. reported last week that gross sales and net earnings for the first nine months of 1963 declined substantially, but noted that the third quarter of the year was a bright spot.

Robert S. Benjamin, board chairman, said net earnings for the third quarter amounted to \$808,000, exceeding the \$802,000 total of the net earnings for the first and second quarters.

Three quarters ended Sept. 28:

Earnings per share \$.87 \$ 1.68 Income 81,870,000 91,502,000 Net income (after taxes) 1,610,000 3,103,000

Financial notes . . .

- MCA Inc. directors last week declared a dividend of 37½ cents a share of its preferred stock to stockholders of record Dec. 19. The dividend is payable Dec. 31.
- Board of Chris-Craft Industries Inc. have declared a 5% stock dividend, of record Dec. 19. The dividend is record Dec. 17.
- Board of Technicolor Inc. has declared the regular quarterly dividend of 12½ cents a share payable Jan. 18, 1964 to stockholders of record Dec. 31.

WARNING! This monitor may prove that your present stereo generator doesn't meet FCC requirements. If so, Call Collins. WARNING!

Collins' new 900C-1 accurately measures and monitors your FM stereo and mono programming in accordance with FCC rules.*

Collins designed and built the 900C-1 to help you eliminate any doubt as to just what your stereo signal is doing. Should trouble pop up, the 900C-1 tells you precisely what it is. You don't waste any time theorizing. You can go right to the source and correct it.

The 900C-1 is a versatile piece of equipment. Just take a look at the measurement and monitoring capabili-

ties it offers you: total peak frequency deviation measurement; individual modulation component deviation measurement; stereo signal demodulation for channel separation measurement; both monaural and stereo outputs for monitoring and proof-of-performance as required; wideband output for visual proof of separation with oscilloscope; AM noise level output for VTVM measurement; test points for main and pilot carrier frequency measurements.

In addition to these capabilities, the new Collins 900C-1 offers you money saving operational features. It is fully transistorized. It uses only 50 watts of primary power. Heat dissipation is low and, through the use of conservatively rated components, you can count on long operating life.

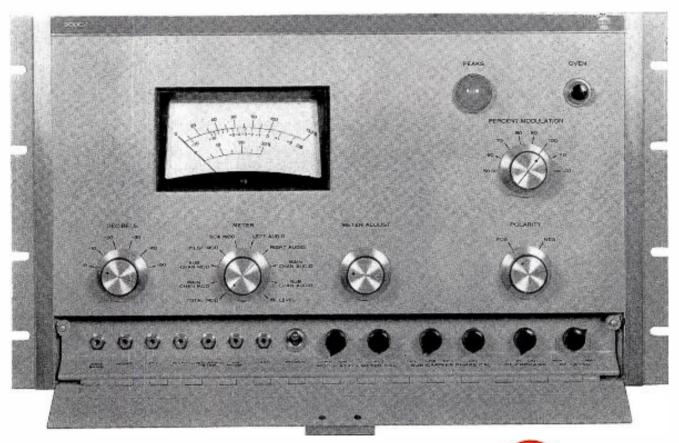
Let us give you all the facts on how Collins' new 900C-1 FM stereo modulation monitor can serve your current needs. Call or write today.

* FCC type-approved for main channel monophonic; no existing rules for stereo typeapproval

COLLINS RADIO COMPANY

- · Cedar Rapids · Dallas · Los Angeles
- New York International, Dallas

FINAL AUTHORITY





What to do about LeRoy Collins?

THAT'S NOW THE PRINCIPAL SUBJECT ON NAB AGENDA NEXT MONTH

An emergency meeting of the chairmen and vice chairmen of the National Association of Broadcasters' boards was called last week to clarify the status of LeRoy Collins, NAB president.

The meeting, to be held in Washington in the first week of January, was only one of many reactions to recent speeches by Governor Collins and to reports that he may be thinking of resuming his political career.

The board chairmen and vice chairmen constitute the executive committee of the association. William Quarton, WMT-TV Cedar Rapids, Iowa, called the meeting as chairman of the joint boards and of the executive committee. He declined to discuss the agenda, but he said he had been deluged with letters and telephone calls questioning recent actions of the NAB president.

The executive committee's special meeting will be held only three weeks in advance of the long-scheduled winter meeting of the NAB boards.

Cause Of Alarm • At issue last week were a speech Governor Collins made to an assembly of the National Council of Churches (BROADCASTING, Dec. 2) in which he criticized cigarette advertising and two speeches on civil rights that he delivered in Columbia, S.C., and Los Angeles (BROADCASTING, Dec. 9).

The speech to the church assembly was criticized last week by Willard Schroeder of wood-AM-TV Grand Rapids, a member and past chairman of the NAB radio board. Mr. Schroeder made his comments in a letter to Governor Collins. He sent copies to all members of the radio and television boards.

Two South Carolina stations withdrew from membership in the NAB last week because of the president's speech in Columbia. Others in the area expressed displeasure at his subject.

Several members of the NAB boards accused Governor Collins of political motives in choosing his subjects for the speeches in South Carolina and California. In Columbia Governor Collins urged the South to abandon racial hatreds and accept what he said was an inevitable trend toward equal rights for all. In Los Angeles he defended the assertion of federal authority in civil rights disputes and called for regular conferences of state and federal officials to resolve arguments over state and federal jurisdictions.

The question of political ambitions was also raised by publication of a report in the Miami News that Mr. Collins, who became NAB president after

serving six years as governor of Florida, was considering re-entering politics, perhaps as a candidate for the United States Senate (BROADCASTING, Dec. 9).

Q Without A • Last week Governor Collins was asked point blank by influential board members whether he is thinking of a political race. The NAB president responded by saying that if he did decide to return to politics, he would let the board members know. He did not make a direct reply to questions about his present thinking.

The executive committee meeting in January, which Governor Collins will be asked to attend, will be the second such special meeting of that body in two months. Early in November the committee met to talk about the NAB codes and was unexpectedly asked by the NAB president to confirm his choice of Howard Bell as the new director of the code authority (BROADCASTING, Nov. 11). The committee acceded to Governor Collins's wishes.

Schroeder's Letter • It was Governor Collins's remarks about tobacco advertising in his National Council of Churches speech that precipitated Mr. Schroeder's criticism. Other broadcast-

ers, including representatives of the networks, also expressed concern.

Governor Collins first openly raised questions about cigarette advertising and its appeal for the young in a speech in Portland, Ore., last year (BROADCAST-ING, Dec. 3). He said he was prepared to ask the NAB boards to consider adopting restraints on cigarette commercials. The boards took no action on the subject at their next meeting, in February 1963, but the NAB president told newsmen that the subject would be revived before the boards after the release of a report by a special study committee of the U.S. surgeon general. The committee is surveying statistical evidence of the relation of smoking and health. Its report is now expected soon after the first of the year—probably before next NAB board meetings Jan. 27.

In his letter Mr. Schroeder, who was chairman of the radio board last year and is now a member representing medium-sized radio stations, told the NAB president that his reaction to the National Council of Churches speech was "both strong and critical." By spending so much of his text on a discussion of tobacco advertising, the NAB president

How the Florida campaigns shape up now



Senator Holland

The Democratic political situation in Florida, with the filing period just two months away, is of more than cursory interest to broadcasters.

LeRoy Collins, president of the National Association of Broadcasters, is a former governor of the state and reportedly is considering running for the U. S. Senate from Florida and also is being pressured in some quarters to run for governor.

Filing period for the May primaries begins Feb. 18 and closes March 3. Senator Spessard Holland (D-Fla.), whose term expires, has not announced that he will seek re-election but is expected to do so. Except for the possibility of Governor Collins, the only major opponent who has indicated an interest in the senatorial race is Brailey Odham, a two-time loser in bids for the governorship. Mr. Odham is a former member of the Florida legislature and was appointed to the important

missed "an excellent opportunity" to plead broadcasting's case before a church body that has been critical of broadcasting.

Mr. Schroeder said the council's June pronouncement urging stricter government controls of TV programing "should have been the principal and only consideration of your comments, yet it was the *last* subject discussed . . ." He told Governor Collins that his criticism of a Lucky Strike TV commercial was a "superficial and unfair approach which does not represent the judicial view which is in the best interests of the broadcasting industry."

The NAB president, Mr. Schroeder wrote Governor Collins, has a clear responsibility to represent broadcasters in a forceful and positive manner. "To be perfectly blunt about it, you represent a private industry just as surely as a corporation lawyer. If such a lawyer agrees to accept a client's case and the accompanying fee, it is his professional responsibility to plead for his client in the most persuasive and favorable manner that his talents permit.

"In my opinion, you did not do this when you introduced a criticism of a tobacco company and by association, a criticism of the broadcasting industry."

Until an official government position is reached in the cigarette controversy, "it is incumbent upon you not to seek to force a purely personal conviction regarding advertising upon us by means of the press and the podium," Mr. Schroeder told the governor.

Governor Collins reportedly replied to Mr. Schroeder late last week, but the NAB refused to release the letter.

Busy Circuits • Mr. Schroeder was by no means alone last week in criticizing the NAB president. There were conference calls and individual conversations among board members who were trying to shape up some kind of plan for the January board meeting.

There were some, however, who took the governor's side. Included among them was an influential broadcaster who has been a strong Collins supporter since the Florida governor took the NAB job and who, though not now on the NAB boards, is still close to industry councils. This broadcaster predicted that the executive committee and the boards, in their January meetings, would accept whatever programs Governor Collins offered. In the view of this broadcaster, Mr. Collins has entrenched himself solidly with the NAB membership.

Despite his prominence, this pro-Collins broadcaster represented a minority view in the opinions expressed by board members last week. Several said that the NAB president's contract had been accepted last winter on the representation that Governor Collins would remain silent on the cigarette issue and would clear major speeches with key board members. They felt that his recent actions had violated that condition. Governor Collins has disputed the contention that he had agreed to curb his public talks.

Milk Control Board by then-Governor Collins.

Insiders say that Governor Collins would make a strong opponent for South Florida. Dade county has elected with solid support from populous Dade county (Miami) and South Florida. Dade county has 20% of the state's voters and was carried solidly by Governor Collins in 1956 when he won the Democratic nomination for governor over three opponents without a run-off. His opponents at that time were present Governor Farris Bryant, former Governor Fuller Warren and General Sumter Lowry.

The consensus in Florida is that the governor's strong speech on civil rights in Columbia, S. C., 10 days ago will hurt him in many sections of the state. Of the registered voters in Florida, 12% are Negroes.

Floridians expect five or six major candidates for the Democratic nomination as governor. Governor Bryant, whose backers four years ago are said to be widely split in the

coming election, has announced plans to return to the practice of law in Ocala. A front runner for the nomination at the present time is said to be Hayden Burns, Jacksonville mayor who was an unsuccessful candidate in 1960.

Others talking about running include State Senator Jack Matthews of Jacksonville (who has the support of many of the Collins men), former State Senator Bud Dickinson of West Palm Beach, Miami Mayor Robert High, State Senator Scott Kelly of Lakeland and Fred Karl, a state representative from Daytona Beach who also has support from political friends of Mr. Collins.

A man close to the Florida Democratic scene said last week that most of the important money already is committed in the governor's race. But, he said, if Governor Collins were to decide to run for either the governorship or the Senate, "many people could and would disengage themselves." He felt a Collins vs. Holland race is "very possible."

Nerves Are Touched • In the South last week there was widespread reaction to the NAB president's Columbia speech on civil rights.

Two stations—WJMX Florence and WBCU Union, both South Carolina—resigned from the NAB because of the Columbia speech. Paul H. Benson Jr., WJMX general manager, said the station would rejoin when the NAB "gets a more responsible president." Both stations withdrew because Governor Collins criticized many southern leaders for their attitude on civil rights and urged the South to tell "the bloodyshirt wavers to climb down off the buckboards of bigotry."

Governor Collins's Columbia speech was broadcast live on a 26-station statewide network. One station, wcsc Charleston, told its listeners in an editorial that it regretted having carried the speech.

WBT-WBTV(TV) Charlotte, N. C., in an editorial scheduled for broadcast Friday (Dec. 13), said that "we cannot allow the public to assume that since he is the broadcast industry association's president, he is therefore speaking for this station. Such is not the case."

WTVJ(TV) Miami, on the other hand, termed Mr. Collins's speech a "courageous pronouncement" on civil rights.

Curtis could be moving into radio-TV with loan

A \$35 million refinancing plan approved last week by the stockholders of Curtis Publishing raised speculation that a diversification plan of the company might include the acquisition of broadcast properties. However, Matthew J. Culligan, Curtis chairman and president, has indicated that any acquisition in the near future will probably be in the publishing field.

Serge Semenenko, vice chairman of First National Bank of Boston, which heads a group of six banks financing the loan to Curtis, had referred to acquisition of TV stations and publishing companies through the coming year as "more than possibilities."

Of the \$35 million total, \$4.5 million will be available through 1968 as working capital and \$30.5 million will be used to cover present short-term debts. An additional \$5 million debt incurment will be allowed Curtis through 1970 with maturities not to extend beyond 1980.

In a news conference subsequent to the stockholders meeting, Mr. Culligan did not rule out the possibility of Curtis moving into the broadcasting field. "Should the opportunity arise," he said, Curtis would be interested both in acquisition of TV or radio stations and a move into the broadcast programing area.

Mr. Culligan was formerly executive

vice president in charge of NBC Radio and was briefly with Interpublic Inc. as general corporate executive.

He also mentioned community antenna television and pay TV as potential areas of expansion. He denied that Curtis was currently negotiating for any properties, but acknowledged the favorable acquisition status of the company due to a substantial tax loss carry forward.

Terms of KWTV(TV) sale spelled out

Details of the Griffin-Leake transaction whereby 100% ownership of kwtv (Tv) Oklahoma City is being acquired (CLOSED CIRCUIT, Dec. 2), were spelled out last week with the filing of an application asking FCC approval.

The Griffin-Leake interests, now holding 50% of the channel 9 station, are buying out the 50% interest held by former Oklahoma Governor Roy J. Turner and Luther T. Dulaney by paying them \$200,000 and giving them title to all the equipment owned and used by KWTV, KATV(TV) Little Rock, Ark., and KTUL-TV Tulsa, Okla. The Griffin-Leake group owns KATV and KTUL-TV.

Messrs. Turner and Dulaney have agreed to sell the equipment, valued at \$2.3 million, to C. A. Voss and James B. Kite. Oklahoma City bankers, for \$3 million. In turn, KATV Inc., parent company of all three Griffin-Leake stations after they are merged under one corporate umbrella, has agreed to lease the equipment from Messrs. Voss and Kite for 10 years for a total of \$4.5 million, paying \$37,500 a month.

KATV Inc. is 55.81% owned by John T. Griffin, and 44.1% by James C. Leake and family. Mrs. Leake is Mr. Griffin's sister. Edgar T. Bell, who owns a 10% nonvoting interest in KWTV, will hold 10.5% of common. nonvoting in KATV Inc. after the merger. He will continue as executive vice president and general manager of

After the merger, Mr. Griffin will hold 56.38% of the voting common; Mr. Leake and his family, 43.27%. Both also will hold 51.6% and 32.5% respectively of nonvoting common shares.

Mr. Griffin, directly and indirectly will also own 4,252.5 shares of preferred stock.

KATV Inc.'s pro-forma balance sheet as of Sept. 30, after the merger, will look like this:

Total assets, \$3,022,268; of which \$1,471,788 are current assets. Current liabilities total \$418,312; long term obligations, \$736,000, and surplus, \$951,-

KWTV, founded in 1953, is affiliated with CBS.

Changing hands

ANNOUNCED . The following sales of station interests were reported last week subject to FCC approval:

- Kwtv(tv) Oklahoma City: 50% interest sold by Roy J. Turner and Luther T. Dulaney to Griffin-Leake interests (holding other 50%) for \$3.2 million (story, this page).
- WBFM(FM) New York: Sold by Wrather Corp., to WPIX Inc. for \$400,-000. WPIX Inc. is the licensee of wPIX (TV) New York and is owned by the New York Daily News. Muzak, a division of the Wrather Corp., will lease back WBFM's subchannel for a long term period to continue background music service to New York area subscribers. The New York News, affiliated in ownership with the Chicago Tribune and WGN-AM-FM-TV Chicago and KDAL-AM-TV Duluth, Minn., recently sold its 49% interest in another New York FM station, wncn(FM) for \$150,000 to United Broadcasting Co. (Richard Eaton). WBFM, founded in 1962, operates on 101.9 mc with 9.5

APPROVED = The following transfers of station interests were among those approved by the FCC last week (for other commission activities see For THE RECORD, page 103).

- WMMN Fairmount, W. Va.: Sold by Peoples Broadcasting Corp. to E. M. (Pete) Johnson and Jack Carr for \$245,000. Mr. Johnson owns wcaw Charleston; Mr. Carr, WDNE Elkins, both West Virginia. Peoples owns WRFD-AM-FM Columbus and WGAR-AM-FM Cleveland, both Ohio; WNAX Yankton, S. D., and KTVT(TV) Sioux City, Iowa. It recently sold wttm-AM-FM Trenton, N. J., to Scott Broadcasting Co. for \$375,000. Wmmn operates fulltime on 920 kc with 5 kw.
- WDHF(FM) Chicago: Sold by James deHaan to Federal Broadcasting Corp. for \$200,000 and agreement not to compete. Federal is a wholly owned subsidiary of Armanco Enterprises Inc., owned two-thirds by comedian Bob Newhart, and one-third by Frank Hogan, Mr. Newhart's business partner. Mr. deHaan will remain as station manager and chief engineer. WDHF, founded in 1959, operates on 95.5 mc with 52 kw.
- WxyJ Jamestown, N. Y.: 87½ % sold by Mark Taylor and Keith Horton to Lowell W. Paxson for \$185,000. Burton Waterman, chief engineer, retains

Outstanding Values in Radio-TV Properties

Regional daytimer plus FM in major market. Combined operation with good real estate. Not realizing potential in this top market. 29% down.

Fulltime kilowatt AM-FM combination with excellent real estate. Priced at \$150,000, with \$50,000 down and terms on balance.

Daytimer in single station market of 15,000. Making a profit for absenteeowner-can do better for owner-operator. \$25,000 down and liberal payout.

EAST AM-FM \$375,000

SOUTHEAST

\$150,000

EAST

\$90,000

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BEVERLY HILLS Colin M. Selph G. Bennett Larson Bank of Amer. Bldg. 9465 Wilshire Blvd. Beverly Hills, Calif. CRestview 4-8151

his 12½ interest. Mr. Paxson is program director and holds a 40% interest in wack Newark, N. J. WxyJ, founded in 1948 is a fulltime station on 1340 kc with 250 w.

WONE-TV Dayton, Ohio: CP sold by Brush-Moore Newspapers to Springfield Television Broadcasting Corp. for \$153,000. Springfield owns UHF outlets wwlp(TV) Springfield, wrlp(TV) Greenfield and wwor(TV) Worcester, all Massachusetts. Wone-TV holds authority to operate on channel 22.

Rollins buying more from General Outdoor

Rollins Broadcasting Inc. moved last week to acquire two more General Outdoor Advertising facilities—in Philadelphia and Washington, D. C.

At a reported price of \$5 million, Rollins is getting the outdoor advertising plants and real estate holdings of General Outdoor in two of the top 10 markets. The transaction will be effective March 1, 1964, O. Wayne Rollins, president of the company, said in announcing the acquisition last week.

Three weeks earlier, Rollins bought the facilities of General Outdoor in Mexico, paying a reported \$500,000 for plants and offices in Mexico City, Guadalajara and Monterey (BROADCASTING, Dec. 2).

The acquisitions bring Rollins's out-door coverage in the East from Philadelphia to Washington and beyond (Rollins already owned an outdoor business headquartered in Wilmington, Del., its home base). An increase in the company's revenues of 45% can be expected to result from the latest transactions, Mr. Rollins said. Rollins has long had an outdoor advertising interest in Texas, based in Austin.

Rollins owns three TV and seven radio stations. They are: WEAR-TV Pensacola, Fla. (Mobile, Ala.); WCHS-AM-TV Charleston-Huntington, W. Va.; WPTZ-TV Plattsburgh, N.Y. (Burlington, Vt.); WNJR Newark, N.J.; KDAY Santa Monica, Calif.; WRAP Norfolk, Va.; WBEE Harvey, Ill. (Chicago); WGEE Indianapolis, Ind., and WAMS Wilmington, Del.

WEMP to join CBS Radio

WEMP-AM-FM Milwaukee will affiliate with the CBS Radio network starting Dec. 29, it was announced last week by A. M. Spheeris, WEMP president. The station has been a music-news-sports operation since 1948. WMIL Milwaukee daytime station has been the CBS outlet there.

WEMP operates fulltime on 1250 kc with 5 kw. WEMP-FM is on 99.1 mc with 25 kw.

FCC EASES UP ON CATV RULEMAKINGS

Local station protection, orderly CATV growth are aims

The FCC hopes that it will be able to protect local television stations from economic injury by community antenna systems and at the same time insure the orderly growth of CATV. This was the announced intent of the commission last week when it released a proposed rulemaking to "govern" the grants of facilities in the domestic point-to-point (common carrier) microwave service to relay programing for CATV systems, and a further notice of a rulemaking to control grants in the business radio service, for the same purpose.

The rulemakings, taken as a whole, somewhat ease up on the restrictions which were first proposed in the original rules to govern the business radio service—restrictions which broadcasters in general did not think went far enough (BROADCASTING, Feb. 25). The 30-days before-and-after ban on CATV duplication of local television station programing—within the grade A contour—has been cut to 15 days. The proposed rules also require the CATV system to carry a program of the TV station if the local station requested it.

The commission has made a number

of grants for facilities to CATV systems since taking the problem of regulation under consideration. These grants were conditioned by an agreement from the CATV system which would be served by the microwave licensee that it accepted a 30-day nonduplication clause. These conditions also would be changed to 15 days by the proposed rules.

The proposed rules also would require that a CATV system located within the grade B contour give written notices to local stations that it plans to apply to the commission for microwave facilities to relay their programing. "Upon appropriate showing, interim protection, pending the outcome of a hearing, could be afforded such TV stations," the commission said.

CATV Freeze • The FCC has placed a freeze on further application for microwave facilities to carry programs to CATV systems pending a determination in the rulemaking proceeding. "These include applications for new facilities as well as for modification, renewal and assignment of existing facilities," the commission said.

The commission also said that the

EXCLUSIVE BROADCAST PROPERTIES!

MIDWEST

—Fulltime radio station with good real estate. Grossed \$83,000.00 last year and capable of doing much better. Priced at \$130,000.00. Contact—John D. Stebbins in our Chicago office.

CALIFORNIA—High powered, fulltime radio station with regional coverage of strong growth area. Owner-operator can materially increase \$40,000.00 annual cash flow. Priced at 29% down and long terms. Contact—John F. Hardesty in our San Francisco office.

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modification of the nonduplication clause for previously authorized systems will become effective 30 days from Dec. 12, and that local stations should request the protection provided by the proposed rules within the 30-day period.

There has been a great deal of contest over the commission's legal authority to control CATV systems-in particular, the nonduplication provision. However, the commission was upheld in its right to protect local television stations from CATV competition by the District of Columbia Court of Appeals in the much discussed Carter Mountain Transmission Corp. case (BROADCASTING, May 27). In a three-judge, unanimous decision, Judge George T. Washington wrote that the commission "cannot let its decision in the radio carrier field interfere with its responsibilities in the television broadcasting field."

A step further is the opinion of the FCC staff that the commission possesses the authority to directly control CATV systems, rather than through the microwave licensee servicing the system. This direct control of CATV has been the subject of unsuccessful negotiations, between the commission and the National Community Television Association, to draft proposed legislation to present to Congress. The commission staff feels that off-the-air CATV systems also fall

under the agency's regulatory authority.

FCC's Open Hand . The commission said its goal "is not, as some apparently believe, to adopt rules 'tantamount to an absolute prohibition of private microwave service to CATV systems." The FCC styled its goal as giving "adequate protection to local television service, without inhibiting the growth of community antenna service (with its provision of multiple television services). Our proposals are designed to achieve that goal." The agency said it wished to "stress" that the rulemakings are just proposals and that it is interested in hearing comments on how the rules may fall short of their aims. Comments are due Jan. 22, 1964.

"We believe that our goal can best be achieved through rules which would require the CATV system to carry the programing of a local station without material degradation and not to duplicate for a reasonable period the programing carried over any local station," the commission said, hoping to placate both broadcasters and CATV operators. This is the solution of the present conflict between the two services the commission argued.

The FCC pointed out that "The proposed rules would not automatically impose requirements upon the CATV system; a request would have to be made by a station entitled to claim protection under the rules." Yet more important, the commission said, is the recognition that in many cases the local stations and CATV system have worked out their own agreement to the satisfaction of all. And the commission does not plan to "upset or replace" the friendly balance of interest. "In short, an agreement, fairly arrived at between the parties and designed to fit the particular needs of the area, is entitled to great weight; we do not mean to inhibit or impair the good faith worked out, by the broadcaster and the CATV. of the problems" considered by the proposed rules.

CTSC sets September for ETV target date

Community Television of Southern California has leased the studio and office space formerly occupied by KNXT (Tv) Los Angeles at 1313 North Vine Street for its new ETV station, to operate on UHF channel 28. James Robertson, vice president and general manager of CTSC, plans to move into the new quarters on Jan. 6, is aiming for an on-air test pattern by May 15 and full schedule of programing to start with the beginning of the new school year in September.

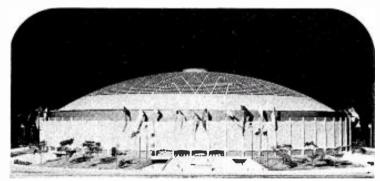
Approximately 17,000 square feet of space will be occupied by the ETV in its new home. This includes three studios: an audience studio of 8,700 square feet, a smaller studio for regular dayto-day programing and a third which will be converted to a scenic design shop.

The 1964 agenda calls for the renovation of studios to be completed by late spring, when the installation of the transmitter and antenna on Mount Wilson should be finished. By midsummer, CTSC is to be fully staffed and totally operational, well in advance of the September air date. Al Crocker, CTSC director of engineering, is in charge of the engineering, construction and installation.

Action near on FOI bill

A freedom of information bill on which hearings were completed Oct. 31 can be ready for full committee action "early in the next session," according to Senator Edward V. Long (D-Mo.), chairman of the Senate Administrative Practice and Procedure Subcommittee.

Backed by a bipartisan group of 20 senators, the bill was supported by the National Association of Broadcasters. The NAB asked for an exemption from public inspection for confidential income information broadcasters are required to furnish the FCC.

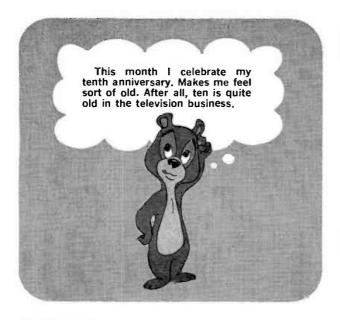


HOUSTON'S \$25,000,000 YEAR 'ROUND AIR-CONDITIONED DOMED STADIUM First of its kind in the nation! Scheduled for completion in 1964, this all-weather center for big league baseball, professional football, and a wide variety of amateur athletic and sporting events will have a seating capacity of 55,000. A monument to Houstonians' enthusiasm for sports!





72 (THE MEDIA)





It all started on Dec. 21, 1953. I was sort of young and fuzzy then,



but in the past ten years I've grown older and smoother.



For the past ten years through Winter



Spring



Summer



and Fall, I've been bringing the best in TV



700,000 people in Maine and New Hampshire.



I've had quite a few firsts, too. I was the first Full-Time, Full-Power TV station in Maine,



I carried the first full season telecasting of baseball, just to men-tion a couple.



There have been awards, too.



In 1960 I received the National Heart Association Award for the documentary on Open Heart Surgery.



In 1963 I was given a special award by the Internal Revenue Service for helping them explain the Income Tax story.



and to all the nice clients who have made the last ten years so enjoyable ... THANK YOU!

WCSH-TV



MAINE BROADCASTING SYSTEM



SENATE APPROVES FCC, FTC FUNDS

Appropriations for USIA, Justice, courts sent to House

An appropriation bill that includes \$15.6 million for operation of the FCC and \$12.2 million for the Federal Trade Commission was passed by the Senate last week and sent to the White House for President Johnson's signature.

A measure to appropriate funds for the Department of Justice (\$344,417,-000), the U. S. Information Agency (\$170,620,000) and the federal court system (\$65,927,000) was passed by the Senate and referred to the House.

All funds are to pay for operations that began July 1 this year. Until these measures become law, the agencies have been authorized to spend money at the rates set by appropriations bills passed in 1962.

President Johnson last week directed the heads of all federal agencies to carefully review budgets for operations beginning July 1, 1964, which are now being prepared for submission to Congress next month. The President has promised reductions in unnecessary federal spending, and has asked agency heads to re-examine appropriations, expenditures and employment figures contained in their tentative proposals for

next year and to list further cuts that may be made in their budget requests.

Here is how the agencies affected by last week's congressional action compare with their appropriations for the previous year:

- The FCC: up \$650,000.
- The FTC: up \$742,000.
- Justice: up \$25,823,600.
- The USIA: up \$13,850,000.
- The courts: up \$3,011,459.

In debate on the USIA's budget on the Senate floor Thursday (Dec. 12), Senator Jacob K. Javits (R-N.Y.) protested the Senate Appropriations Committee's stern order to the agency "that drastic reductions be made" in the USIA's Western European programs. The agency had requested \$3.96 million for distribution of American books, magazines, movies, and other information material, but the House cut it to \$1 million and the Senate trimmed that to \$650,000.

Senator Javits urged the Senate Foreign Relations Committee to thoroughly review the USIA's policy. He questioned the appropriations committee's right to direct the agency to end a

Oh, days dwindle down

John Brubaker, general manager, wfy Garden City, N. Y., is circulating a statement opposing a traffic safety bill that he warns would affect all daytime only stations in New York State. The bill, proposed by New York State Senator Edward J. Speno, would extend daylight saving time in the state to nine months a year.

Mr. Brubaker asserts the bill would force many of the stations to sign on as late as 8:15 a.m. during periods when stations would ordinarily present information on school and plant closings during storm periods, as well as to present other public service messages.

program.

A House foreign affairs subcommittee has been conducting hearings on the U. S. "ideological offensive." They are expected resume next year.

Court opinion sought on FCC filing fee plan

A federal court in Chicago has been asked to rule that the FCC has no power to impose fees for handling applications and other paper work.

The appeal was filed Dec. 6 in the U. S. Court of Appeals for the Seventh Circuit by 10 petitioners, mainly aeronautical interests, but including one broadcaster (WISM-AM-FM Madison, Wis.).

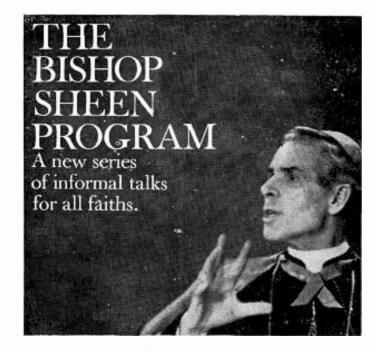
The other petitioners: Aeronautical Radio Inc.; Air Transport Association of America, Aircraft Owners & Pilots Association, Braniff Airways Inc., Lake Central Airlines Inc., North Central Airlines Inc., Northwest Airlines Inc., United Air Lines Inc. and David Ingle Jr., a private plane operator residing in Evansville Ind. Entering the case as an intervenor is the American Trucking Association.

The appeal is against the FCC's order of last May, affirmed last October, establishing a system of fees for handling applications (BROADCASTING, May 13, Sept. 30).

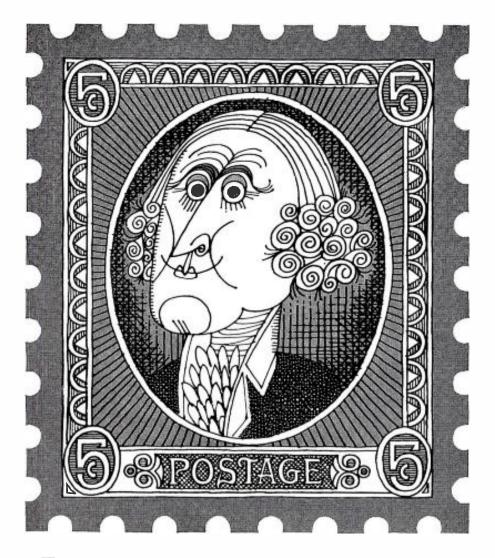
The group petitioning to have the FCC overruled is considering asking for a restraining order to prevent the fee system from going into effect Jan. 1 as scheduled.

The petition claims that the FCC does not have power to impose fees and that it is moving against the intent of Congress. It asks the court to reverse the FCC's action.

Standing Firm = In the face of congressional opposition the FCC last week released a reminder to its licensees that



..... NOW IN PRODUCTION NEW HALF-HOUR VIDEO TAPES FOR SCHEDULING JANUARY 1ST Call - Wire - Write MARCUS ASSOCIATES, INC. 3134 Euclid Ave., Cleveland 15, O., UTah 1-1370



5¢ short course in TV production

Comes in this new 36-page brochure-yours for the asking! Makes the many recent developments in video tape meaningful in terms of 13 actual case histories. "Advertising with Video Tape" is its name. It tells how and why specific tv commercials and campaigns, national and regional, were produced on

video tape (SCOTCH® BRAND, naturally). The real advantages tape delivered. And actual production costs!

The brochure describes how advertisers have taken advantage of tape's incomparable "live" picture, pulled off ideas that would be too time-consuming or costforbidding on film. Some cases in point: How one advertiser and its agency solved the dilemma of producing 71 commercials



from scratch within two weeks. Why a car-maker could cut a month out of tv production time for a new model announcement commercial and wait for the first production-assembled cars to shoot a color commercial. How an award-winner for a baking flour was created for only \$300 in production

cost. How the first animated commercials on tape were produced.

Is it worth a 5¢ stamp to keep new tv ideas from passing you by? Just use the stamp to send us your name, address and request for a free copy of "Advertising with Video Tape." Write Magnetic Products Division, Dept. MBX-123, 3M Company, St. Paul 19, Minn.

"SCOTCH" IS A REG. TH OF SH CO. @1963. 3H CO.



No radical FCC policy changes in Henry's crystal ball

The emergence of a President with broadcasting interests is not expected to result in any dramatic shifts in FCC policy of regulation.

This is the view of FCC Chairman E. William Henry, given in response to questions during an appearance on NBC's Meet the Press, Dec. 8.

The FCC chairman also appeared confident the commission would have no special problems in dealing with the LBJ Co., the broadcasting company which is owned largely by President Johnson's wife (story, page 78).

In saying he expected no "sharp" changes in FCC policy as a result of President Johnson's succession to the presidency, Chairman Henry noted that the commission is "an independent, bipartisan agency" with "no direct policy line" to the White House.

He said his impression is that President Johnson expects to follow the policy line laid down by President Kennedy. He said President Johnson had not discussed commission matters with him or given him any "guidelines."

The chairman also disclosed that President Johnson had rejected his offer—as well as those of other agency heads—to "step aside" (BROAD-CASTING, Dec. 2). He said "he wanted us to continue in our jobs," Mr. Henry reported. The chairman also said he intends to finish out his seven-year commission term, which runs to 1969.

Just 'Clarification' • In replying to questions about the commission's pending overcommercialization rule-making, the chairman indicated he would settle for a "clarification" of FCC policy.

He said the "most difficult problem" the commission faces in the proceeding is devising a rule that would be applicable to all stations. Later last week the FCC was reported to have abandoned the commercial rulemaking (story, page 39).

He repeated his praise of broadcasters' coverage of President Kennedy's assassination and the events that followed. But, he made clear, this doesn't alter his view that some commission action is needed on overcommercialization.

"There has been a very dangerous trend over the years towards more and more commercialization," he said, adding: "I think it is time that the FCC stepped in to at least clarify the situation and perhaps to stop this trend."

He said the commission has "always" had a policy against overcommercialization but has never reduced it to writing. "I am trying to establish some criteria . . . that would have broad application and that would give some guidelines to the industry," he said.

application filing fees will become effective Jan. 1, 1964.

Representative Walter Rogers (D-Tex.), chairman of the House Communications Subcommittee, has introduced a bill which would prevent the commission from charging license fees. Representative Rogers plans to hold a hearing on the application fee question next month and had asked the FCC to stay the effective date of the fees pending the conclusion of the planned hearing. The commission, however, responded that it had already conducted its own proceeding and intended to go ahead with the fees (BROADCASTING, Nov. 25).

The commission said last week that all applications postmarked after midnight Dec. 31 must be accompanied by filing fees. Applications submitted by hand after normal working hours on Dec. 31 must also be accompanied by fees.

Times-Mirror buys book firm

The Los Angeles Times-Mirror Co., former broadcaster, last week acquired the World Publishing Co., Cleveland, for stock estimated at \$12.5 million. The Cleveland firm is said to be the nation's largest publisher of Bibles, the second largest publisher of dictionaries and an established publisher of hard-cover and paperback books. The Times-Mirror owned KTTV(TV) Los Angeles; it sold the independent channel 11 station to Metromedia last June for \$10,390,000.

Ratings validity and use are job of stations

Earl W. Kintner, a former chairman of the Federal Trade Commission, said last week in New York that stations that use ratings survey results in advertisements and sales promotions should strive to avoid any form of misrepresentation.

Speaking before a luncheon meeting of the International Radio and Television Society, Mr. Kintner said stations have definite responsibilities concerning the validity of the ratings they use and the manner in which such ratings and related data are presented to prospective customers.

Mr. Kintner, who is now with a Washington law firm, called for an end to "hypoing," the use of special promotions to attract maximum audience attention to the station during a known rating period. He charged that such promotion is "an unfair method of competition and a deceptive practice within the meaning of the Federal Trade Commission Act."

Ratings were also mentioned by Vincent Wasilewski, executive vice president of the National Association of Broadcasters, who appeared on a threeman panel with Mr. Kintner. Mr. Wasilewski noted that the NAB has set up a special council to study many aspects of the rating survey question. In another vein, he added that he does not predict any major FCC policy changes under the new administration.

The third member of the IRTS panel,

Washington attorney Thomas H. Wall, attacked the FCC proposals concerning commercial limitations. Mr. Wall predicted that broadcasters who have testified in Washington (story, page 38) have apparently lessened chances of the proposals being adopted.

KVUE(TV) renewal dismissed by FCC

The prospect of a subscription television system via channel 40 in Sacramento, Calif., has been growing dimmer over the weeks and last week appeared dead when FCC Chief Hearing Examiner James D. Cunningham dismissed the renewal application of KVUE (TV)—Capitol Television Co.—for failure to prosecute.

Mr. Cunningham retained the application for Camellia City Telecasters in hearing status. Camellia had filed its application for a new station on channel 40 in competition with KVUE's then pending renewal application and has opposed the proposed pay TV operation. An application for a pay TV test to last three years was denied by the commission (BROADCASTING, July 29).

KVUE was ordered to file a statement within 10 days with the commission swearing "as to whether it has been promised, or has received, anything of value, directly or indirectly, by reason of the abandonment of its [renewal] application."

The station two weeks ago told the commission that it would prefer a chan-



Gamesmanship

NBC's knack of finding the game shows that America likes best was demonstrated again this year with "You Don't Say!" Since its April debut, the lively, name-guessing word competition has become a day-time favorite of gameswomen everywhere.

Actually, it's what you don't say on "You Don't Say!" that counts—unfinished sentences provide the clues to the identity of famous people. The well-run machinery of the game is just one of the reasons for the show's success. Another: the teaming of non-celebrities with such stars

as Lucille Ball, Suzy Parker, Lee Marvin and Keenan Wynn. (Credit emcee Tom Kennedy's big smile and easy manner, too.)

Having established that "You Don't Say!" is light, literate, and lots of fun for gameswomen, a question

arises. Is it fair to keep the show from millions of games men in our night-time audience? Of course it isn't — which is why everyone will be able to play "You Don't Say" on Tuesday nights, beginning January 7. And, it will be in full color, too. Any number can play.



Look to NBC for the best combination of news, information and entertainment.

Then there's the little matter of propriety

The Lyndon Johnson family holdings in TV and radio have entered the arena of controversy. The question of propriety has been raised by a congressman (Representative H. R. Gross [R-Iowa]) and a reporter (Clark Mollenhoff, Des Moines Register-Tribune Washington correspondent and 1958 Pulitzer prize winner).

Mr. Mollenhoff made the first move Sunday night, Dec. 8, when he was part of the panel interviewing FCC Chairman E. William Henry on NBC-TV's Meet the Press (story page 76).

Mr. Gross made the second move Monday, Dec. 9, when he "extended" his remarks in that day's issue of the Congressional Record. He included in his remarks a story, written by Mr. Mollenhoff, appearing in the Dec. 8 Des Moines Register.

And on Thursday (Dec. 12) Representative Gross called on the Senate Rules Committee, now probing the outside activities of Robert G. (Bobby) Baker, one of Mr. Johnson's closest associates in the Senate, to give "full-scale scrutiny to the LBJ Co."

If operations are as proper as has been claimed, Representative Gross continued, there should be no objection. "But if, as alleged by potential competitors, it represents a monopoly in commercial television in a city of 200,000, then the matter of acquisition and maintenance of the monopoly becomes a matter of serious and

public concern. . . . It would appear the burden of proof is on the LBJ Co. to demonstrate that the FCC never engaged in any favoritism for the company owned by this family."

Asked whether he would press for action by the House if the Senate fails to investigate, Representative Gross said he had discussed the situation briefly with Representative Oren Harris (D-Ark.), chairman of the House Commerce Committee, but would not comment further.

Late last month, Mrs. Johnson had her 52.8% interest in the LBJ Co. put under a trusteeship (BROADCASTING, Dec. 2). The interests of both the Johnson daughters, whose combined shares in the LBJ Co. total 30.9%, were already under trusts.

In the Meet the Press session, Mr. Mollenhoff prodded Mr. Henry with questions on his and the commission's attitude toward broadcast stations owned by the President's family.

The FCC chairman appeared confident the commission would have no special problems in dealing with the LBJ Co.

He said that as chairman of the FCC, he regards as "satisfactory" the procedure followed by Mrs. Johnson in putting her controlling interest in trust.

Mr. Henry said he saw no conflict-of-interest problem. He said that other elected and appointed officials with broadcasting interests had put them in trust.

Asked if the commissioners could,

in dealing with the LBJ Co., "wipe out of your minds" the fact that the President's family is involved, he replied: "I think so." He noted that the trustees, under the agreement filed with the commission, have complete authority, including the power to dispose of the property.

"Of course," Mr. Henry added, "we will be kept abreast of ownership interests, but I think we would lean over backwards to be fair and certainly treat them as we would any other licensee. . . ."

Avoids Direct Reply • The chairman declined to answer directly whether he thought it desirable for the President's family and members of Congress to own property in a government-regulated industry.

He said it wasn't his function to establish policy to cover that situation. However, he acknowledged that "as a citizen," he could see "some questions."

The next day, Congressman Gross raised the propriety question again.

"Should members of the House, Senate and officials of the executive branch be permitted to acquire or hold television and radio rights while serving in the government?" he asked.

Representative Gross thought the answer should be no.

"It is unreasonable to expect that all members of the FCC can retain an absolutely objective posture in making decisions on radio and television involving members of the Senate or House. This is particu-

nel 46 operation in Sacramento and would request dismissal of its channel 40 renewal application as soon as it received a construction permit for channel 46 (BROADCASTING, Dec. 9). KVUE also hoped for a pay TV operation on channel 46.

Hubbard goes to court on KOB-WABC problem

A broadcaster has asked a federal court in Washington to order the FCC to act on its application for 770 kc in New York. Involved is the decades-old KOB Albuquerque, N. M.-WABC New York 770 kc problem.

Hubbard Broadcasting Co., licensee of KOB, filed a petition Dec. 6 in the U. S. district court in Washington. It asked the court to issue a writ of mandamus requiring the FCC to take some action on its application, filed in 1960, for the 770 kc facility in New York

now used by WABC. The FCC has 60 days to answer the petition.

The 770 kc case was presumably resolved several years ago when the commission ordered both KOB and WABC to operate with directional antennas to protect each other. KOB acceded; WABC did not. The commission has ordered a hearing on the WABC renewal application because of this. It has not, however, taken any action on KOB's application for WABC's New York frequency.

Hubbard asked the court to order the commission to either grant the application or designate it for hearing.

Two silent FM stations may have permits revoked

License revocations may be in the offing for two Illinois FM stations. The FCC last week threatened the penalty for WELF(FM) Glen Ellyn and WELG (FM) Elgin, both owned by Mrs. Elizabeth G. Coughlan, in a "show cause

why" order.

Both stations, the commission related, were authorized to stay off the air from mid-June to Oct. 1 of this year, but they have remained silent since then without permission.

The FCC said it wrote Mrs. Coughlan Oct. 4 asking her to send in her licenses for cancellation, but she did not reply. Commission inspection engineers 10 days later discovered that the stations were still off the air, having had "all or nearly all" of their transmitting equipment repossessed. The engineers also found that the studios of weld were vacant while the welf studios had been occupied by new tenants. The FCC representatives were unable to turn up anyone connected with the stations.

Mrs. Coughlan was instructed by the FCC last week to appear at a hearing, the date and place for which will be named later. Welf is licensed to Citadel Broadcasters of Du Page and WELG to Citadel Broadcasters.

larly true if the television or radio rights sought personally involve key figures on the commerce committee, appropriations committee or persons who are otherwise in position of leadership."

Referring to the trust established by Mrs. Johnson to take her 52.8% interest out of her control, Mr. Gross expressed doubt that this would eliminate from FCC consideration the fact that Mrs. Johnson and her two daughters are the actual owners.

Chairman And President • "I submit," Mr. Gross said, "that every member of the Federal Communications Commission is going to be aware of the interests of the Johnson family in the field of radio and television. And I further submit that in the case of the FCC, the chairman holds office at the pleasure of the President."

In the Mollenhoff article that was included with Mr. Gross's remarks in the *Record*, it is reported that an unidentified person had submitted documents to the Senate Rules Committee investigating the Bobby Baker affair containing information on financial transactions involving the TV interests of the Johnson family and the LBJ Co. This information, Mr. Mollenhoff said, was given to the committee before Nov. 22 when Mr. Johnson became President.

In other parts of his story, Mr. Mollenhoff alleged:

That although President Johnson has declared he has no direct interest in the broadcast properties, the LBJ Co. has been paying premiums amounting to \$12,000 a year on a life insurance policy on Mr. John-



son's life, with the LBJ Co. as the beneficiary. The insurance was originally for \$100,000, later increased to \$200,000.

- That the insurance was bought from a Silver Spring, Md., insurance agency of which Robert G. Baker was listed as vice president. The outside financial activities of Mr. Baker, former majority secretary of the Senate, are now being investigated by a Senate committee.
- That the Silver Spring agency was making payments to LBJ Co.'s KTBC-TV Austin, Tex., for advertising.

for the commissioners. The "debate" will be moderated by Henry G. Fischer.

Nominations for new officers, and for two members of the executive committee also will be made at the meeting. The nominating committee is headed by Robert M. Booth Jr. Donald C. Beelar is the current FCBA president; other officers are: Thomas W. Wilson, first vice president; Maurice M. Jansky, second vice president; Philip Bergson, secretary; Herbert M. Schulkind, assistant secretary; Ernest W. Jennes, treasurer.

The two executive committee vacancies are those now held by Reed Miller and J. Roger Wollenberg, both of whose three-year terms are expiring.

Also to be voted on are by-law changes, the most important of which relate to officers taking office July 1 of each year instead of in January as at present.

The association's annual banquet will take place the same night. Edward F. Kenehan is chairman of the banquet committee.

Media reports...

New awards • The Arthritis and Rheumatism Foundation, sponsor of the 1963 Russell L. Cecil Award for interpretive writing on arthritis, announced the addition of five regional awards of \$100 each. Rules and entry blanks are available at any of the ARF chapters throughout the country and at the New York headquarters at 10 Columbus Circle.

Los Angeles office move • Crowell-Collier Broadcasting Corp. has moved its corporate headquarters to 10889 Wilshire Boulevard, Los Angeles. Zip code 90024. Telephone Granite 8-9891. CCBC has had its executive offices at KFWB Los Angeles, one of three Crowell-Collier radio stations. Others are KDWB Minneapolis-St. Paul and KEWB San Francisco. Joseph C. Drilling, president, heads the home office staff.

School pamphlet • WINS New York has published an 80-page pamphlet dealing with the problems of New York City's public school system as seen through a survey of teachers, principals and parents. The survey was commissioned by WINS and conducted by Trend Finders Inc., an independent research company. The station said it plans to incorporate the report in a major documentary on the city's educational system.

Johnson coverage • Mutual is completing arrangements to install radio equipment on President Johnson's ranch near Johnson City, Tex., for use when the President is there. James Roy Greer, news director of KVET, Mutual's affiliate at Austin, Tex., will be the accredited correspondent for direct reports from

WBBM-TV viewers keep tabulators occupied

WBBM-TV Chicago is still tabulating a record return of 25,000 questionnaires from its viewers which detailed their reactions to racial issues raised by the CBS-owned station's second *Opinion Feedback* program experiment. Earlier this year wbbm-tv got 13,000 ballots from viewers voting on mass transportation issues there.

WBBM-TV's newest experiment began with a special racial issues program aired at 10:15 p.m. Nov. 18. Ballots were distributed through station advertisements carried in major newspapers that day. A "stage two" special program seeking additional response on the subject will be aired in mid-December after the present questionnaires are tabulated.

The second part of the study will be conducted by John Drury, station news-

caster, and Dr. Gary Steiner, associate professor of psychology at the University of Chicago Graduate School of Business. Dr. Steiner is the author of *The People Look at Television* (BROAD-CASTING, Feb. 18).

FCC use of examiners subject of FCBA debate

A controversial plan by the FCC to use hearing examiners in the Office of Opinion and Review—during the slack time which has seen broadcast hearing cases diminish from 18-20 a month to 6-7 a month due primarily to "freezes" on AM and FM applications—will be aired at the annual membership meeting of the Federal Communications Bar Association Jan. 17 at the Sheraton-Park hotel in Washington.

Norman E. Jorgensen will take the affirmative side and E. Frank Mullin the negative on whether it is good to have examiners help in writing opinions

the ranch, backing up MBS's regular White House reporter, Bill Costello.

Digest available • A 36-page report on the Broadcast Station License Renewal Conference, held Oct. 22-23 at the University of Tennessee, is available at a cost of \$1. The conference was sponsored by the university and Wsm Nashville. Requests for the digest should be sent to Dr. Kenneth Wright, Department of Broadcasting, 14 Ayers Hall, University of Tennessee, Knoxville.

Columbia moves • Columbia College, Chicago, will move to a new location at 540 Lake Shore Drive after Christmas. New radio-TV and other mass communication teaching facilities are being installed. More than 100 graduates of the school work in Chicago radio-TV field.

Collins accepts for all broadcasters

The National Foundation—March of Dimes—honored the nation's broadcasters last week with the presentation of its award for distinguished service to the National Association of Broadcasters.

House Speaker John W. McCormack (D-Mass.) presented the award in behalf of the foundation to NAB President LeRoy Collins (1) in the Speaker's Office in the Capitol last Wednesday (Dec. 11).

Speaker McCormack said the foundation "recognizes with appreciation the many generous and considerate efforts of the broadcasting industry of the U. S. over the past 25 years. . ."



EQUIPMENT & ENGINEERING _

A BIG BOOST FOR COMSAT FROM AT&T

Telaphone company will use satellites, if available

Communications by satellites received a boost from one of America's biggest communication companies—the AT&T.

In letter to Leo Welch, chairman of the Communications Satellite Corp., AT&T said that if there were space communications circuits available for the North Atlantic area by 1966 or 1967 it sees no reason why it should put in more cables on the route to meet expected additional traffic.

Speaking for AT&T, James E. Dingman, executive vice president, asked that AT&T be advised during 1964 whether such North Atlantic circuits would be available in 1966-67.

"If suitable satellite circuits are available to meet our additional needs at that time in the North Atlantic section, which is an area where high capacity cables could be attractive, we would prefer, for diversity reasons, to use satellite circuits instead of placing additional cables," Mr. Dingman said.

Mr. Dingman said AT&T estimates it will need 80 voice circuits to South American points (Brazil, Chile, Argentina, Uruguay and Peru) by 1966. If these will be available via satellite the company would prefer to use them initially, with cables coming later, he added.

He concluded: "We expect to continue development of improved underseas cable systems and undoubtedly other organizations can be expected to do the same. It would be reasonable to expect, then, that both cables and satellite circuits will be used to meet over-

seas requirements just as both cables and microwave radio circuits have been used to meet domestic requirements. Diversity of routes and facility types is the best method of assuring service integrity and that is one of the major reasons for our interest in utilizing satellite circuits for overseas service as soon as possible."

The AT&T statement gives a needed boost to Comsat's plans for the establishment of satellite circuits. It is the first clear-cut pronouncement by AT&T on its intentions.

It is also a move to eliminate one of the arguments made by General David Sarnoff, RCA chairman, who has raised the spectre of AT&T's transistorized cables, under development at Bell Laboratories and capable of providing 720 voice channels, which could, it is said, increase tremendously the number of voice circuits between the United States and Europe with its corresponding impact on satellite communications.

General Sarnoff had suggested that Comsat be chosen as the single "flag" communications company to handle all overseas communications, both voice and record.

RCA set sales already ahead of all of 1962

RCA last week reported television set sales through the first 10 months of 1963 to be already at a higher unit volume than through all of 1962. It was also noted the heaviest holiday

sales period was still ahead.

Raymond W. Saxon, president of RCA Sales Corp. said dollar volume in TV sales in 1963 had been the highest in the company's history.

Gains in set sales were recorded in both color and black-and-white models. Mr. Saxon estimates unit volume of color sets will reach a minimum of 1.2 million in 1964, a figure which he said might be higher if enough color tubes are available. Industry estimates place the color set volume for 1963 at 750,000 with color tube production at full capacity and probably running behind demand (Broadcasting, Oct. 28).

Color set volume of RCA Victor dealers is 59% ahead of its level at this point last year while black and white sets are reported 10% ahead.

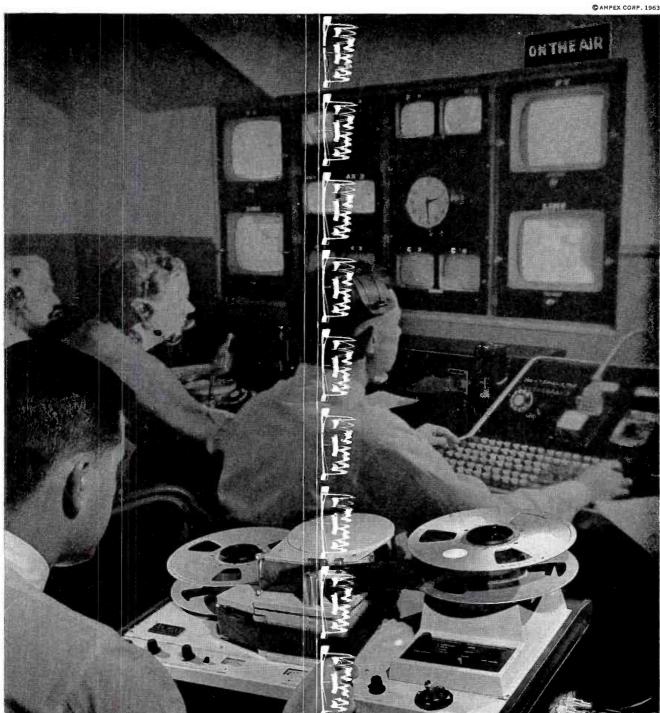
Syncom III to go up in spring of '64

A third stationary communications satellite is going to be lofted during the second quarter of next year, according to the National Aeronautics & Space Administration.

Syncom III, to be launched from Cape Kennedy, Fla., via a new thrust-augmented Delta launch vehicle, will be placed in equatorial orbit 22,300 miles above the earth at 180 degrees latitude over the Pacific Ocean.

At apogee, about 22,000 miles over Sumatra, the satellite will be placed in circular orbit and then kicked into its final equatorial orbit at the international date line where it will be stopped by gas jets aboard the spacecraft.

Ground stations will include a mobile station in the Pacific, the USNS Kingsport at Guam, a Japanese station near Tokyo, and a U. S. station at



What's new in broadcast VTRs?

AMPEX VR-660

Now: Ampex has a low-cost, portable VTR with full broadcast stability—the VR-660. It's ready and able to handle any broadcast job. And the complete price is just \$14,500. It weighs less than 100 pounds and is small enough to fit in a station wagon for a mobile unit. It's ideal for recording special events, local sports and news—even on-the-spot spots. It has signal compatibility with all other VTRs. And when played through your station's processing am-





plifier, its signal meets all FCC broadcast specifications. The new Ampex VR-660 has two audio tracks. It records at 3.7 ips—or up to five hours on one reel of tape. And, too, it's extremely simple to operate. It's easy to maintain because it's fully transistorized. And, of course, it offers reliability - Ampex reliability. For more information please write to Ampex Corporation, Redwood City, California, Sales and service offices throughout the world.

STORY ∿TRF-TV BOARD



TEEVEES! After Swifties and Pressies, it was only natural that Story Board introduced TeeVees. Response proved there

Rep?* I reevees. Kesponse proved there were acts to grind. Here are some TeeVees offered to 'puton a show.' wtrf-tv Wheeling
Puttin' On A Show With More TEEVES!
Sabbath eve at the cinema! (Saturday Night at the Movies)
Ding-dng rings in the stant of th

Ding-dong ring-up time! (Bell Telephone

Hour)
Where YOU worka, John! (What's My Line)
Bare burg or stripped town! (Naked City)
Driver's soft shoulders! (Outer Limits)

Driver's soft shoulders! (Outer Limits)
Thanks Gen Irwin
NBC's colorful sheen! (Bishop Show)
Now! (Today) Now or later (Tonight)
Last week! (That Was The Week That Was)
Ninety day wonder! (The Lieutenant)
Chet Chat! (Huntley Report)
Cat fumes! (Gunsmoke)
Reporters repeater! (NBC's Encore)
Search the sheltered side to give an edge to
the open ground in the woods (Hunt lee
Brink lea) 17ayout
All around the town! (East Side, West Side)
Teacher doesn t advocate physical discipline
(No wack)
Poetic licence awarded to Mary Neal

(No wack)

Poetic licence awarded to Mary Neal
Harpo's was 'swordfish'! (Password)
One, two, three Redigo goes and it's all in
the game; no comment! (You Don't Say)
100 Grand discounted to Ha, Ha Auction!
(Laughs For Sale)
Help us 'put-on' a bigger show . . . send
your goodics to WTRF-TeeVees Editor,
Wheeling 7, IVest Virginia.

*EDWARD PETRY & COMPANY is our national
representative. Ask any Petry man to give you
the WTRF-TV Wheeling story. See why your
next advertising schedule should be beamed to
the big and buying Wheeling/Steubenville
audience from WTRF-TV Wheeling!

CHANNEL SEVEN



WHEELING. WEST VIRGINIA

SPOTMASTER Tape Cartridge Winder The new Model

TP-1A is a rugged, dependable and field tested unit. It is easy to operate and fills a need in every station using cartridge equipment. Will handle all reel sizes. High speed winding at 221/2" per second. Worn tape in old cartridges is easy to replace. New or old cartridges may be wound to any length. Tape Timer with minute and second calibration optional and extra. Installed on winder or available as accessory. TP-1A is \$94.50, with Tape Timer \$119.50.

Write or wire for complete details.



BROADCAST ELECTRONICS, INC.

8800 Brookville Road Silver Spring, Maryland

Inaudible signals will turn TV commercials off

The FCC last week granted permission to WTMJ-TV Milwaukee to conduct an experiment with superaudible signals which would activate off and on switchs in home TV receivers. The station plans to use the device in measuring the effectiveness of television advertising.

In approving the experiment, which will run for 90 days, the commission asked for a complete report on the technical aspects-"with particular reference to whether interference was caused to any service, and as to whether it resulted in any degradation of your signal."

WTMJ-TV told the commission its experiment will employ two super-

audible signals to "mute out" receivers in 40 selected homes of persons taking part in a long-range study of commercial effectiveness. The experiment as authorized by the commission will only test the technical aspects of signal device which will be carried on the audio carrier of the station.

The social study which will follow the technical experiment will be possible through the controlled situation made feasible by the on-and-off signal device. The 40 selected families will have no commercials on their home receivers and will have their product selection habits studied during the course of research.

Camp Roberts, Calif.

Communications equipment aboard Syncom III will still be narrow band for voice and teletype messages. Although it is capable of handling a video picture—as did Syncom II—it is not of commercial quality. None of the ground stations will be equipped for TV reception, it is pointed out.

The present orbiting Syncom is in a circular, synchronous orbit 22,300 miles above the earth, but is inclined toward the equator. Because of this it moves 33 degrees north and south of the equator in a figure 8 pattern.

Syncom II was launched last July. The first Syncom, put up in February this year, failed to achieve proper orbit and was never used for communications. All the Syncoms were built by Hughes Aircraft Co. for NASA.

COMMON STANDARD

Comments favor same UHF, VHF aural-visual ratio

A common standard of aural-visual power ratio for VHF and UHF television stations was definitely favored by members of the broadcast and TV receiver manufacturing industries commenting last week on the FCC's rulemaking to apply the ratio adopted for UHF to VHF. But the proposed amendment allowing aural power of 10-70% of the peak visual output is too broad a range, most agreed.

RCA gave its blessing to the common standard for the television spectrum but suggested that the proposed rule change be altered in favor of a more narrow range. The company suggested a 5-1 ratio be established, that is allow the aural effective radiated power to be not less than 20% of the peak visual ERP. RCA said the 5-1 power

ratio would make the production of station equipment cheaper because it would preclude special designing that would arise from a broad range of power operations.

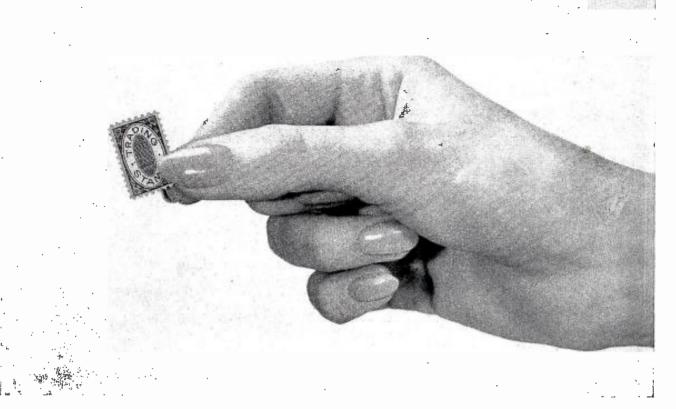
RCA claimed that if a definite ratio is not established, and again preferably one smaller than proposed, television receiver efficiency would be damaged. The company delineated the engineering difficulties involved in designing receivers that could efficiently operate when transmitting equipment is so vari-

Zenith Radio Corp. was definite about the harm that would be done to receiver performance if the rule is adopted. Zenith agreed to the necessity of common VHF-UHF standards but said severe damage would be done to reception in the so-called "fringe" areas of a station's coverage area. The company strongly urged that the present VHF standards be continued (50-70% ratio), and that UHF standards be changed to meet the VHF requirement.

Trivial Economy - Zenith said the only advantage to be had from the proposed larger power ratio is a slight savings in operating costs and in interference to adjacent channel operations. The company believed such advantages to be "trivial" in the face of the 7.5 to 15 million persons that may lose service in the "fringe" areas if the large ratio is put into effect. Zenith said this represents a possible loss of a staggering amount of set investment that the commission must keep in mind.

Philco Corp. also felt the proposed ratio range to be too large and suggested that the minimum of aural power be placed at 20% of the peak visual, but also offered a 30% minimum as a good standard. Anything less than the 20% figure would impair receiver performance Philco said.

ABC offered unqualified support of



Only a tiny piece of paper—but it's worth \$1,000,000,000!

This, of course, is a trading stamp—well-known to shoppers for the little "extras" of good living it makes possible.

But it's much more than this from an economic point of view.

Today the trading stamp industry is a dynamic economic force that helps make America a prosperous nation

This year alone, the industry will buy an estimated \$500,000,000 worth of products (at cost or wholesale prices) from more than 600 U.S. manufacturers of consumer goods in 75 different industries.

In addition, the stamp industry is expected to generate another \$500,000,000, ranging from over \$120 million for transportation, warehousing, and redemption store operation, to more than \$90 million in farm purchases of cotton, wool and other primary materials used in the production of merchandise for stamp redemption.

The full-time employment of more than 125,000

workers will be required at one stage or another of production or distribution to operate stamp companies and to supply merchandise for stamp redemptions.

So the tiny piece of paper shown above represents an industry that contributes one billion dollars to our economy every year.

Actually, the total retail value of merchandise received by consumers redeeming stamps in a state usually comes to more than 100 per cent of the money paid by the merchants who purchase stamp services. In all cases, the total value going back into the state when the payrolls, rents, taxes and other expenditures of stamp companies are taken into account is substantially more than the money paid for the stamp service.

All told, the trading stamp industry not only brings extra value to consumers, and a powerful promotional device to merchants, but contributes importantly to a stronger economy—both on the national level and in every state and community in which it does business.

STAMPS

the commission's proposal. The network said that due to some antenna problems a number of its owned stations have been operating with a reduced audio power and that there have been no complaints or other discovered inadequacies of service. ABC pointed out that the European stations have been using a lower audio-visual power ratio with good results.

Motorola Inc., offered the conservative view that the standard that has been in effect for 25 years should not be lightly changed. Motorola suggested that the commission undertake extensive field studies before offering rules changes. A lower audio power level would injure set performance the company said. Emerson Radio Inc. agreed that the status quo is the best idea.

In the interim the commission has authorized the Broadcast Bureau to approve requests for experiments with the 10-70% ratio (BROADCASTING, Nov. 4).

AMST opposes two ETV applications

The Association of Maximum Service Telecasters believes that the orderly development of UHF service depends on the strict observance of engineering standards that were employed in the allocation of channels and in particular the minimum mileage separation requirements.

This latest opinion from AMST was submitted to the FCC last week in the association's opposition to the applications of the Kentucky State Board of Education for two new noncommercial ETV stations, requesting waivers of the minimum required separation of the planned stations on channel 26 in Madisonville and channel 33 in Murray (BROADCASTING, Nov. 11). The location of the projected transmitters sights fails to meet the separation requirement by 3.6 miles.

The board's position that it will take responsibility for any interference that arises from the stations' operations is, according to AMST, no grounds for waivers. In certain areas interference is bound to be caused to both the channels. AMST said local oscillator interference to reception has its source in the radiation from other receivers "rather than by the signals of undesired stations," it said in reference to the board's contention that it was unlikely reception of both stations would be desired in the same location since both will carry educational programs. AMST also claimed that receivers tuned into, say, channel 26 could cause interference to school antennas tuned to channel 33.

The two applications definitely should not be granted unless the minimum mileage separation requirements can be met, AMST concluded.

Three new TV tape recorders from RCA

RCA last week announced a new family of television tape machines, all compact versions of its TR-22.

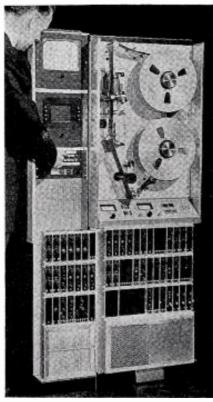
In announcing three new tape recorders for TV, RCA emphasized that all are transistorized, are capable of carrying broadcast quality color as well as black-and-white, and are designed to use plug-in circuit modules for ease of maintenance. All are compatible and can use tapes of different makes.

The new machines:

TR-4—a complete recording-play-back system, selling for approximately \$35,000. Contains complete monitoring and control systems, runs at two speeds (7.5 and 15 ips).

TR-5—a transportable recorder in a small cabinet on casters easily wheeled into a station wagon or other vehicle for remote location recording. The TR-5, priced at about \$19,500, is the same as the TR-4 except that it has a simplified play-back facility.

TR-3—a play-back only machine, believed suitable for stations, advertising agencies, production studios and the like. Selling at approximately \$19,500, the playback machine is expected to bring "film projector" ease for replay, review or editing of programs and commercials. A record unit can be added



RCA's new compact TV tape recorder, the TR-4, showing vertical transport system and banks of plug-in circuit modules.

at the factory to give this unit both play-back and record functions, according to RCA.

The new machines will be shown at the NAB convention next April in Chicago.

NBC syncronization perfected

The NBC engineering department reports that it has perfected a new system of communication designed to synchronize the broadcasting of television pictures from widely separated remote locations. The system, called Audlok, has been used by NBC for more than a year and is regularly employed on the *Huntley-Brinkley Report*.

The Audlok system consists of a sub-multiple of the synchronizing generator signal transmitted phase-controlled over an audio circuit to a distant remote city—thus controlling the remote pictures so they arrive back at the originating city in precisely the same time phases. The circuit over which Audlok can be operated is over 2,800 miles long.

Technical topics . . .

Power boost • WJHG-TV Panama City, Fla., plans to begin telecasting at full power, 316 kw, shortly after the new year, using new General Electric equipment. The channel 7 NBC affiliate's transmitter is in Fountain, Fla.

Space contract • RCA has received a \$23.5 million contract from Grumman Aircraft Corporation to develop a radar subsystem for the Lunar Excursion Module (LEM), hoped to land two men on the moon. The radar sensor subsystem provides the necessary information that will enable the LEM to effect a safe landing on the moon and later rendezvous with an orbiting Apollo spacecraft.

Colorful addition . KHJ-TV Los Angeles, which first installed color equipment in 1961 to broadcast motion pictures in color, has completed installation of a new RCA color film chain, bringing the station's investment in color equipment to over \$500,000. KHJ-TV currently televises more than 25 hours of color a week and on special "Colorbration Weeks" has exceeded 50 hours of color broadcasting. With the second color film chain and projectors, KHJ-TV can present programs of films, slides and commercials without interrupting the colorcast and without cutting to black-and-white.

CCTV promotion • Blonder-Tongue Laboratories, Newark, N. J., electronic firm, through Gilbert & Felix, New York, plans this month to begin a one-year campaign in support of a full line of closed circuit television products. A

major aspect of the drive will be an effort to promote specific industrial uses of CCTV.

Entertainment center • Sylvania Electric Products Inc. last week opened a modern home entertainment center in New York to display its radio, television and stereo products. The center is located in the General Telephone Building at Third Avenue and 45th Street.

CBC uses VTR's to by-pass detour

The Canadian Broadcasting Corp. has overcome a 1,600-mile detour for TV programs originating in Toronto and destined for Winnipeg through the use of TV tape recorders.

Previously, programs for Winnipeg were sent from Toronto to the Calgary delay center where they were taped and then relayed to Winnipeg when that city's CBC station was ready for them. With the acquisition of five Ampex CR-1100s at Winnipeg, the Toronto programs are now taped directly there and replayed when convenient, obviating the 1,600-mile Toronto to Calgary to Winnipeg circuits.

Thomas E. Davis, Ampex marketing manager, has announced that since the \$35,000 VR-1100 solid state Ampex Videotape recorder was introduced at the National Association of Broadcasting convention last spring more than 60 have been delivered with a "substantial backlog on the books."

Deliveries began in September, Mr. Davis said, and established a new record in the rate of production in the TV tape recorder field.

Mr. Davis also reported that a VR-1100 is now in use in the Detroit office of Campbell-Ewald Co., where Chevrolet commercials are prepared on tape and shown moments later to agency executives and GM executives at any of 27 locations in the General Motors and Argonaut buildings.

Deliveries of the VR-660, a portable TV recorder weighing 96 pounds and selling for \$14,500, will begin this spring, Mr. Davis said.

Motorola conquers problems

Robert W. Galvin, president of Motorola Inc., Chicago, last week said that his company is surmounting its problems in color TV set production and expects to have a color model, equipped with a new 23-inch rectangular tube, in distribution in the first quarter of 1964.

Mr. Galvin made the remarks in a talk to the New York Society of Security Analysts at which he predicted a sales volume increase for Motorola in excess of 8% over the company's 1962 figure of \$345.3 million.



MORE APPLICATIONS THAN TV AREAS

ITA gets 22 prospects for its 14 area contracts

Twenty-two groups applied for the 14 Independent Television Authority area contracts by the Nov. 18 closing date.

Fourteen of the original 15 television companies have re-applied, the exception being Television Wales West and North Ltd. whose area is being merged with that now covered by Television Wales and West Ltd.

Of the eight new applicants only two have been identified. One of these is Edward Martell's Freedom Group which has applied for contracts in five areas.

Five applications have been received by ITA for the London weekday contract currently held by Associated-Rediffusion Ltd. Three applicants have asked for the North weekday contract held by Granada TV Network Ltd., and three applications each have been made for the London weekend and Midlands weekday service now held by Associated Television Ltd.; for Midlands and North weekends now covered by ABC Television Ltd., and for Southern England currently held by Southern Television Ltd.

Four applications have been made for Westward TV's Southwest England area and two for Central Scotland now covered by Scottish Television Ltd. There are two contenders each for N.E. England where Tyne Tees Television Ltd. now operates; for the Wales and West of England area now covered by Television Wales and West Ltd.; for East Anglia where Anglia Television Ltd. has the current contract and for the Channel Islands now covered by Channel Television Ltd.

Ulster Television Ltd., Grampian Television Ltd. and Border Television Ltd. are the only applicants for the areas in which they are now operating.

Four applicants have asked to be considered for more than one area. Two have applied for five contracts each, one applicant wants to be considered for four areas and another for two.

Rivals to the holders of the present ITA Central Scotland contract, Scottish Television Ltd., have revealed their identity.

They form a group which includes Max Aitken, chairman of Beaverbrook Newspapers Ltd. The chairman of Scottish Television Ltd. is Canadian millionaire Roy Thomson.

The group consists of: the Earl of Rosebery; Sir Hugh Fraser; Sir Malcolm Knox, principal of St. Andrews University; Joseph Wright, past president of the Royal Faculty of Physicians and Surgeons of Glasgow; James Stew-

art, past president of the Institute of Scottish Chartered Accountants; Andrew Lewish, Aberdeen shipbuilder; Lord Balerno, former president of the Scottish Unionist Association; John Banermian, chairman of the Scottish Liberal party; Dr. Stanley Cursiter, the Queen's painter and limner in Scotland; John Boulting, director of the British Lion Film Corp.; Sir John Muirhead; Lord Hughes, ex-Lord Provost of Dundee; Arthur Hill, chairman of Braemar Knitwear Ltd.

Britain approves trial test of pay television

Five British pay TV firms have been given a green light to conduct three-year tests in various sections of the country, including three in London.

The wired systems, which would be similar to the system now in use in Etobicoke, Ont., are designed to help the government decide whether to issue permanent licenses for pay TV.

Scheduled to start the trials next fall are Choiceview Ltd., owned by the Rank organization and Rediffusion Ltd.; Telemeter Programs Ltd., whose major backers include Paramount Pictures Corp., The Manchester Guardian and British Lion Films; Tolvision Ltd., owned by Sir Isaac Wolfson and Hambro's Bank; Pay TV Ltd., owned by the British Relay Network, and Caledonian Television, owned by Scottish investors

Swiss government moving on TV advertising plans

The Swiss government is drawing up regulations for TV advertising. Regulatory powers will be operated by a proposed board of television control, while the advertising will be handled by a company of which the government will own 20%.

The Swiss Press Association which represents most of Switzerland's newspapers wants to buy some of the shares. Paul Ackerman, chairman of the Association, said that contrary to previous government promises there was a move to ignore the Association in the allocation of shares.

Parliament disturbed by Canadian CATV firm

Canadian Home and Theatre Vision Ltd. has been formed in England to operate some 200 Canadian community antenna television systems, according to an announcement by Leslie A. Allen, Toronto head of Atlas Telefilms Ltd. Some \$12 million of British and United States capital has been made available to buy up existing cable TV systems and build new ones in Canada. Atlas Telefilms will operate as managers of the cable TV system, and sell the system some of its top films.

At the time that the announcement was made in London, England, the Canadian government stated in Parliament through Secretary of State Jack Pickersgill that the government will not allow CATV's to circumvent the intent of Parliament on broadcasting matters. He intimated legislation to amend the Canada Broadcasting Act to permit the control of cable systems and their programing, which now circumvents Canadian content regulations by piping in only U.S. programs.

Practice in for revision after complaints to BBC

The BBC is revising its emergency programing plans following many complaints from viewers about the handling of TV programs after the announcement of President John F. Kennedy's death.

While the commercial network cut all entertainment shows and carried serious music after the announcement, BBC-TV broadcast a comedy show and an episode of a series about a small town doctor which has a strong streak of humor in it.

According to Director-General Hugh Carleton Greene, BBC received more than 1,000 calls against the resumption of light entertainment programs. He said that the Independent Television Authority had received about the same number protesting the solemn programing being broadcast on the commercial network.

Under current emergency procedure BBC only differentiates as to mourning period on the basis of the importance of the persons concerned such as the royal family, British statesmen and foreign dignitaries. Program changes do not take into account the circumstances of the death. The rule is that while instant mourning would be adopted for the Queen's death, news of the unnatural death of a foreign head of state is followed by normal programing after a 20-minute interval. This was the method followed by the BBC after President Kennedy's assassination.

BBC will now keep secret the reaction of viewers and listeners who telephone their opinions during program hours. This follows the criticism of the screening of a comedy show only 24 minutes after the news from Dallas.



Godfrey returns to D.C. to get his 'day'

Veteran entertainer Arthur Godfrey received a "day" in Washington Dec. 4 commemorating his 30 years in broadcasting. WTOP Washington, which Mr. Godfrey joined in 1934 when the station's call was wJsv, honored the CBS personality throughout the day, with Mr. Godfrey appearing on several of the station's

programs. He entertained at noon luncheon of the Washington Advertising Club (above) with stories of his early days in radio and was the recipient of a special distinguished award from the club. Mr. Godfrey's first radio job was with WFBR Baltimore and he went from WTOP to CBS in 1941.

IT ISN'T SNOWING SNOW YOU KNOW

KWEX-TV, Pioneer Flour join in Texas-sized promotion

If you visit San Antonio, Tex., in the next week or two, don't be surprised if you find much of the city blanketed in white. It won't be snow. It will be Pioneer flour. And all because of a contest being conducted in a foreign language on a UHF station.

The language is Spanish. The station is KWEX-TV (ch. 34) San Antonio. The broadcast is Buscando Estrellas (Searching for the Stars is how it reads in English), a Sunday evening one-hour amateur show, broadcast live from the stage of the Almeda, the city's largest Spanish-language theater. The program which started Sept. 29 concludes Dec. 22, when the winner walks on stage to collect \$1,000 in cash and a round trip to Mexico City for having garnered the most votes of any performer in the contest.

Tote That Vote • The flour? That's how the voting is done.

Each pound of Pioneer flour is good for two votes. The printed front, or label, of a 10-pound bag counts for 20 votes. If it's a 25-pound bag, it's worth 50 votes. The votes began to pour in the day after the show started and KWEX-TV reports that more than 1 million votes were statistically verified in the first five weeks.

As the contest went on the voting snowballed and by the time the voting ends next Friday, the total could hit 5 million. The last program in the series was Dec. 15.

The winner of the grand prize and the nine runners-up, who will get smaller prizes, won't learn of their good fortune until next Sunday night (Dec. 22). But Alfred J. Beckman, president of Pioneer Flour Mills, who conceived the contest with Emilio Nicolas, KWEX-TV general manager, doesn't have to wait.

On Dec. 6, with two weeks of voting to go, more than 2.5 million votes had been counted. Translated into flour it means that voters had purchased more than 125,000 pounds—625 tons—of Pioneer, breaking all records for the San Antonio area. It also necessitated the rerouting of rail and truck ship-

ments, down to the retail level, to keep the area supplied.

Agency for Pioneer is Fuller & Smith & Ross, Fort Worth.

Anyone for French? Seven Arts forms clubs

To tie in with its 26-week En France series, now being shown in 65 markets, Seven Arts Associated is forming En France clubs. The clubs at family, neighborhood, community or university level will give viewers of the program a chance to try out their newly-acquired conversational French. In addition, the clubs also may rent the TV series for private showing and can purchase the En France album (series soundtrack) for home listening at group rates.

An early 1964 promotion with Air France will give viewers and retailers handling En France merchandise a chance to win trips to France and follow the route shown in the TV series.

'Novak' and drop-outs

A discussion of the serious problem of high school drop-outs, taped by E. Jack Neuman, executive producer of MGM-TV's high school series, Mr. Novak, is being distributed nationally

CONTINENTAL'S 50 KW SOUND OF QUALITY



PART 1: PERFORMANCE

With a big, clean sound that is comparable to an FM broadcast, Continental's 317B 50 kw AM transmitter is satisfying demands of progressive radio stations everywhere. Yearsahead features and quality construction provide unmatched performance. Write for details today.

Continental

PRODUCTS COMPANY
BOX 5024 • DALLAS 22, TEXAS • TELEX CEPCO

& Subsidiary of Ling-Temco-Vought, Inc.

to call attention to the treatment of the problem on "The Exile," Jan. 14 segment of the NBC-TV Tuesday night series.

It's great if you dig Beethoven

There's nothing new about Beethoven, especially since it's his 193d birthday today (Dec. 16). And urging public support for celebration of the natal event has been commonplace since radio stations began following the lead of Charles Schulz, creator of the comic strip, "Peanuts."

But the Mid-State FM Network in Michigan has gone all out for the day this year.

The four-station network (WABX Detroit, WGMZ Flint, WQDC Midland and WSWM East Lansing) filled its 18-hour schedule Sunday (Dec. 15) with Beethoven, more Beethoven—and for good measure—additional Beethoven.

The composer's nine symphonies, five piano concertos, opera and mass, plus quartets, overtures and trios were to be played.

Promotion for B-Day included distribution of Beethoven sweatshirts, birthday invitations, "I Dig Ludwig" buttons and posters, five Beethoven sketches and pictures in the network's program guides, and newspaper ads.

Most radio stations won't play JFK song

Though record companies last week saw a possible sales bonanza in their individual versions of a song composed for a special BBC tribute to the late President Kennedy that was rebroadcast by NBC-TV the Sunday after his assassination, a substantial number of radio stations appeared reluctant to add to its popularity.

Five record companies with recordings of the song said last week that as many as 90% of the stations across the country have decided not to air the song either the first time or to continue its

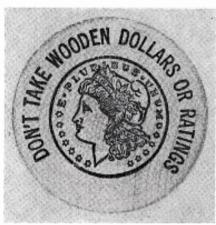
play if they've aired it.

But some companies report brisk sales in markets where the radio stations have played the record. Public reaction in these markets, these companies said, was favorable and they hope other stations will change their policy and play the record.

Among the versions now on the market are Kate Smith for RCA Victor; Millicent Martin, who sang the song originally on the television program, for ABC-Paramount; Mahalia Jackson for Columbia; Connie Francis for MGM and Toni Arden for Decca. Decca also has put out an album of the complete BBC show.

RKO's rep arm passes wooden ratings buck

If "passing the buck" is an adequate metaphor for ducking the responsibility for ratings claims, then "passing the wooden buck" is an even better one.



And this is precisely what RKO General Broadcasting National Sales is doing.

The RKO General representation arm is handing out wooden imitations of silver dollars with a disclaimer printed on them for circulation to advertising agencies.

The company emphasized that the purpose of the wooden dollars is not to

imply an inadequacy in ratings information but to attract attention to the limits of its accuracy. Printed on one side of the wooden coin: "In view of errors and deficiencies which may be involved in the sources, methods and procedures used to arrive at these estimates, neither RKO General nor any of its representatives vouch for the accuracy of the estimates."

KLAC's campaign: \$250,000 on everything

KLAC-AM-FM Los Angeles has inaugurated a \$250,000 multimedia audience promotion campaign that will use newspaper space, billboards, bus cards and direct mail, in addition to radio and television, according to Alan Henry, vice president and general manager of these Metromedia stations.

Basic theme of the campaign created in cooperation with Klein/Barzman, Los Angeles free lance advertising consultants, is the mythical Grumpy League Against Fun, opposed, of course, to everything broadcast by KLAC, which later in the campaign will strike back with a strong pitch for fun and joy.

A novel feature of the KLAC promotion is a childish game for adults "Adland," created expressly for the campaign. Thousands of the games will be distributed to key civic leaders and advertising executives as holiday gifts.

Drumbeats . . .

Open line to St. Nick = WLIN(FM)
Detroit is devoting two full hours each
afternoon to tapes of phone calls from
youngsters calling to talk to Santa
Claus. The calls were invited by WLIN
with station personality Trader Bob
Longwell filling in as Santa.

Kidsville contest = WTCN-TV Minneapolis-St. Paul had more than 12,000 entries in the station's "Kidsville U.S.A." coloring contest, and over 1,000 prizes are being given out. Top winner gets a trip to Disneyland and others get radios, movie tickets and other prizes.

Foster stork • Needing homes for 36 children, the Children's Welfare Bureau asked KCOR San Antonio, Tex. for help. The Spanish-language station ran an appeal in two newscasts, receiving a total of 60 calls, more than enough to satisfy the bureau.

TV violence • The Television Information Office is distributing to sponsor stations and 8,000 leaders in education, religion, welfare and allied fields, reprints of an article entitled "Parents vs. Television," by psychologist Dr. Bruno Bettelheim. The article suggests that television serves as a scapegoat for many family problems with causes much older than the medium itself.

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__ FATES & FORTUNES _

BROADCAST ADVERTISING



William F. Scholz, account executive at Ted Bates & Co., New York, elected VP.

Robert L. Stone, VP-fountain sales for Dr. Pepper Co., Dallas, appointed VP in charge of sales for company. Max Green,

eastern area sales manager, assumes new title of sales manager-fountain. Bill Kenyon, western division sales manager, promoted to eastern area sales manager, succeeding Mr. Green. Kenneth Tucker, zone manager in western division, promoted to western division sales manager, succeeding Mr. Kenyon. Bill Hughes named national accounts coordinator and field sales supervisor in fountain division. Jerry Corbin named assistant sales training manager.

Charles A. Eaton Jr., VP-media director and member of plans board at C. J. LaRoche & Co., New York, resigns to join Warwick & Legler, that city, as VP and media manager.

Daniel Bardi and Harvey Fielder elected VP's of Compton Adv., New York. Mr. Bardi is supervisor on Kelly-Springfield Tire account; Mr. Fielder is agency's personnel director.

Walter Wilkins and Warren Jacobson, account executives at Sudler & Hennessey Inc., New York, elected VP's.

Stephen Weston, manager of program budgets and servicing for NBC, New York, appointed director of unit managers and telesales. Mr. Weston joined NBC in 1955.



Mr. Weston

Frederick W. Bliesener, for 25 years in

sales promotion and advertising positions with Sears, Roebuck & Co., joins Montgomery Ward & Co., Chicago, as retail sales promotion and advertising manager, succeeding C. A. Peterson, who resigned. Mr. Bliesener will plan and coordinate sales promotion and advertising for 520 Montgomery Ward retail stores throughout country.

August A. Busch III, sales manager for regional brands at Anheuser-Busch

McHugh and Hoffman, Inc.

Consultants for

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Inc., St. Louis, named to newly created position of VP in charge of marketing operations. He reports to William Bien, VP-marketing.

Maury Frahm elected VP for account management and planning at Leon Shaffer Golnick Adv. Baltimore.

John Babcock, former political editor at KLAC Los Angeles, elected VP in charge of political accounts for Chief Samuelson & Associates, advertising agency, that city.

Leonard M. Leonard, regional VP of Institute for Motivational Research, Croton-on-Hudson, N. Y., promoted to VP in charge of developing new services and activities.

David E. Henderson, senior account executive at Television Advertising Representatives (TvAR), New York, appointed assistant sales manager of WBZ-TV Boston. succeeding Chet Zaneski, who has been



Mr. Henderson

transferred to TvAR's Chicago office. Both TvAR and wbz-tv are owned by Westinghouse Broadcasting Co. Mr. Henderson, former broadcast supervisor at Gray & Rogers, Philadelphia advertising agency, joined TvAR in 1959.

Edward Handman and Philip Sklar have established their own advertising agency, Handman and Sklar Inc., with offices at 210 E. 50th Street, New York 22. Telephone: HA 1-3460.

Edgar Robbins, formerly with Dallas office of The Bolling Co., joins Savalli/ Gates Inc., New York-based national radio-TV sales representatives, as director of firm's Dallas office. Kenneth Schaefer, previously with Grant Webb & Co., appointed account executive in Savalli/Gates' Chicago office.

Jerome W. Adler appointed director of Chicago regional office of SCI division of Communications Affiliates Inc., New York. He joined SCI in 1959.

Al Sumbler, account executive at KLIV San Jose, Calif., joins KGBA Santa Clara, Calif., as general sales manager.

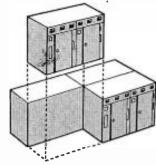
John S. Lotz, formerly account executive at wow-TV Omaha, appointed general sales manager of KWK St. Louis.

Thomas R. Young, account executive with CBS Radio Spot Sales, New York, appointed sales manager of CBS-owned WEEI-AM-FM Boston.

Richard C. Phalen Jr., formerly with Savalli/Gates, national radio-TV sales representatives, joins Midwest sales division of Mutual Broadcasting System, with headquarters in Chicago.

Bill Ruff, newscaster-announcer at

CONTINENTAL'S 50 KW SOUND OF QUALITY

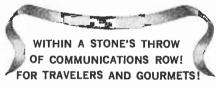


PART 2: DRIVER STAGE

for Continental's 317B 50 kw transmitter is the 315B 5 kw transmitter which can be increased to 10 kw (316B) or 50 kw (317B) simply by adding the various power groups. Write for details today.

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The magnificent new

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Your rendezvous for dining deliberately and well... open every day of the week for luncheon, cocktails, dinner, supper.



KCRL(TV) Reno, Nev., joins Doyle-McKenna Adv., that city, as broadcast media director.

Robert J. Clark, group product manager in household products division of Colgate-Palmolive Co., New York, promoted to newly created post of sales promotion and marketing coordination manager in that division. Mr. Clark has been with Colgate since 1946.

Bob Rombeau, account executive at KTLA(TV) Los Angeles, appointed sales development supervisor for KTLA and Paramount Television Productions Inc.

James J. Sirras, previously with Morgan Guaranty Trust Co. of New York, joins facts division of H-R Television, New York, as programer in electronic data processing section.

Pieter de Kadt, of Ogilvy, Benson & Mather, joins Grey Adv., New York, as associate director of research.

Robert Guy, formerly with Marsteller Inc., New York, joins Pittsburgh office of Fuller & Smith & Ross as copywriter.

Bob DeBear, formerly of McManus, John & Adams, New York, joins copy staff of Kudner Agency, that city.

Bill Brooke, formerly with McKenzie, King & Lansdale, Los Angeles, joins copy staff of Hixson & Jorgensen, that city, succeeding Ole Georg, who re-

Arizonians elect Lane

Homer Lane, VP and general manager of Kool-AM-FM-TV Phoenix, elected president of Arizona Broadcasters Association Dec. 6 at organization's meeting at Camel-



Mr. Lane

back Inn in Scottsdale. Other ABA officers elected for 1964: Ray Smucker, KTAR-TV (Phoenix) Mesa, VP; and Willard Shoecraft, KIKO (Globe) Miami, KATO Safford, KINO Winslow, secretary-treasurer. Directors are Herb Newcomb, KAWT Douglas; Joe Crystall, KOLD Tucson; G. E. (Doc) Hamilton, KVOA-TV Tucson; C. Van Haaften, KTUC Tucson.

signed to devote full time to his work with government-owned broadcasting system of Denmark.

Hooper White, manager of commercial production in New York office of Leo Burnett Co., promoted to creative production manager of agency's commercial production section in Chicago, effective Jan. 1. Frank T. Martello.

commercial producer, succeeds Mr. White in New York. Jackson Phelps named business manager of commercial production section in Chicago, while Russell B. Mayberry has been appointed to Burnett's Hollywood office as associate manager of commercial production. Burnett also has elected Charles T. (Ted) Weeks as VP. He is manager of sales promotion section in marketing services division in Chicago.

Stanley H. Taylor, formerly VP and partner in Los Angeles advertising agency of Norman Rose & Associates, joins Los Angeles office of Klau-Van Pietersom-Dunlap, Milwaukee, as television account supervisor.

Donald J. Dickens, VP of Needham, Louis & Brorby, Chicago, named copy director. Four others in agency's Chicago creative department have been promoted to copy group supervisors: Marianne Chambers, J. Gerald Fortis, Theodore R. LeMaire and Richard G. Morgan.

Robert L. Stein, assistant business manager at WCBS-TV New York, joins Prestige Representation Organization, that city, as account executive.

Bette Kaufmann, former media broadcast buyer at N. W. Ayer & Son, joins media department of Wermen & Schorr, Philadelphia advertising agency.

Donald E. McGuiness joins Geyer, Morey, Ballard as account executive at agency's Racine, Wis., offices.

THE MEDIA

Michael T. Joseph, program consultant for Transcontinent, Corinthian and Fetzer broadcasting companies and formerly VP in charge of radio for Capital Cities Broadcasting Corp., elected to newly cre-



Mr. Joseph

ated position of VP for NBC-owned radio stations, reporting to Raymond W. Welpott, executive VP in charge of NBC Owned Stations and Spot Sales Division. NBC radio stations are WNBC-AM-FM New York; WRCV Philadelphia; WRC-AM-FM Washington; WJAS-AM-FM Pittsburgh; WMAQ-AM-FM Chicago; and KNBR-AM-FM San Francisco.



Mr. Heywood

John J. Heywood, vice president and treasurer of Crosley Broadcasting Corp., Cincinnati, and Arthur E. Rasmussen, vice president for finance of Avco Corp., New (York, Crosley's parent company, elected to

board of directors of Crosley Broad-

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Until now you practically had to be a big corporation to qualify for low commercial rent-a-car rates. But Airways has changed all that. You, as an individual, can enjoy the same fine services provided by the largest systems, yet at considerable savings. Choose from new Chevrolet Impalas and other fine cars. There are no hidden charges at Airways. Rates include gas, oil and insurance. No waiting in line at a rental counter...simply call Airways when you land and, by the time you pick up your luggage, the car is there. Take advantage of this special commercial rate—rent from Airways!



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casting. Mr. Heywood, former director of business affairs for NBC-TV, joined Crosley Broadcasting in April 1961 in his present capacity.

Robert McKune, general manager of KSAL Salina, Kan., appointed general manager of wmay Springfield, Ill. Both stations are owned by Stuart Broadcasting Co. Mr. McKune is succeeded at KSAL by Richard Wagner, formerly publicity and promotion director of Ice Capades Inc.

Andrew F. Hofmann, previously sales manager of wwva Wheeling, W. Va., appointed general manager of WPIT-AM-FM Pittsburgh. Dan loset, managing director of WPIT, retires Jan. 1, but will continue to serve Rust Craft Broadcasting Co., licensee of station, in advisory capacity. Mr. Hofmann's duties will include supervision of wsoL Tampa, Fla., and wwol-AM-FM Buffalo, N. Y., also Rust Craft stations.

Edward Carroll, formerly with Ted Bates & Co., New York, in TV commercial film production, named general manager of KCTO(TV) Denver. Mr. Carroll's associations include former Du-Mont-owned stations, ABC Radio production and his own commercial TV production firm in New York.

Wade S. Patterson, general sales manager ksoo-tv Sioux of Falls, S. D., assumes added duties as station manager. Mr. Patterson joined KSOO-TV in May 1960. Previously, he was account executive at KSTP-TV St. Paul-Minneapolis, Minn.



Mr. Patterson

Charles Thone, member of law firm of Davis, Thone, Bailey & Polsky, 525 Stuart Bldg., Lincoln, appointed execu-

Dudley to NAB board



Richard Dudley, president and general manager of wsau Wausau, Wis., elected to National Association of Broadcasters' radio board of directors from Dis-

trict 9 (Wisconsin and Illinois). Mr. Dudley won over Edward D. Allen Jr., woor Sturgeon Bay, Wis., in special election to fill unexpired term of late George T. Frechette, WFHR Wisconsin Rapids. Mr. Dudley will serve until 1965 NAB convention.

tive secretary and legal counsel for Nebraska Broadcasters Association.

Burt Sherwood, formerly with WPTR Albany, N. Y., joins wtsa Brattleboro, Vt., as VP and general manager.

PROGRAMING

Lou Israel, southern sales manager for past two years at MGM-TV, with headquarters in New York, promoted to newly created post of administrative assistant in New York to Richard A. Harper, director of feature films and





Mr. Israel

Mr. Thomson

syndicated sales. Jim Thomson, previously with Screen Gems for five years, joins MGM-TV as southern sales manager, with headquarters at Charlotte, N. C. Mr. Israel has been with MGM-TV since 1956, was previously with National Telefilm Associates.

Charles R. Fagan, previously with CBS Films, joins Sandy Howard Productions, New York, as VP in charge of sales. Company currently is filming Mack and Myer for Hire TV series for release by Trans-Lux.

Adrian Samish, commercial producer for Jerry Lewis Show and previously director of TV programing for MGM in Hollywood, named director of current programs for ABC-TV's Western division. Mr. Samish will direct activities of supervisors on all ABC-TV West Coast-originated programs, reporting to Ben Brady, ABC-TV VP in charge of programing for Western division.



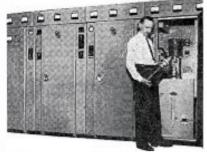
Mr. Smith

Eugene G. Smith, formerly with Protestant Radio and TV Center in Atlanta, named director of programing for TRAV, the television, radio and audio-visuals arm of Presbyterian Church in the United

States, with offices in that city. His responsibilities include radio program production, workshop organization and planning, special services, assisting in TV production, and station relations. Mr. Smith joined Protestant Radio and TV Center in 1959.

Thomas H. Tanguay, formerly unit manager for TV division of USIA, joins Logos Ltd., Washington TV production organization, as production supervisor. King Harrison, of ABC-TV, appointed technical director of Logos. Temple

CONTINENTAL'S 50 KW SOUND OF QUALITY



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Quaal greets board of Broadcast Pioneers' new chapter

Ward Quaal (center), executive VP-general manager, WGN-AM-TV Chicago and past president of Broadcast Pioneers, greets board of Southern California chapter, elected at organization meeting Dec. 4 in Hollywood (BROADCASTING, Dec. 9). Shown in photo (1 to r): Georgia Fuller, KMPC Los Angeles; Ken Carpenter, announcer; Loyd Sigmon, KMPC VP and general manager; Lyle Sheldon, Los Angeles County Fair; Virginia Mansfield, KFI Los Angeles; Calvin J. Smith, KFAC Los Angeles County Fair

geles; Mr. Quaal; William Beaton, KIEV Glendale; Art Gilmore, AFTRA, past national president; Van C. Newkirk, Broadcast Advertising, chairman of the new chapter; Glenn Dolberg, BMI, retired; Walter Bunker, Young & Rubicam; and Harry Witt, Reach, McClinton & Co. Robert M. Light, Southern California Broadcasters Association, is also a board member, but was not present when photo was taken. Mr. Quaal was the main speaker at the chapter's organization meeting at the Roosevelt hotel.

Jones, formerly with TV department of Doyle Dane Bernbach, joins Logos' creative department.

Robert B. Weiss, international director of Warner Brothers Records, resigns, effective Dec. 31, to devote full time to his own business, Weiss International Holding Co. Ltd., with head-quarters in Paris, France. Mr. Weiss joined Warner Brothers in 1959.

Klaus J. Lehman, formerly with CBS-TV and Donahue & Coe, New York, joins Trans-Lux Television Corp., that city, as production supervisor.

Lee Savage, formerly TV commercial director at N. W. Ayer & Son and producer-director for MPO Productions

and J. Walter Thompson Co., appointed creative director of Elektra Film Productions, New York. Mr. Savage succeeds Abe Liss, who died Dec. 1.

Larry Hogan, announcer at WERA Plainfield, N. J., promoted to program director.

Dave Robinson, air personality at WAQE-AM-FM Towson, Md., assumes added duties as program director.

Lou Morheim, story consultant on Daystar's science fiction series *The Outer Limits* for ABC-TV (Mondays, 7:30-8:30 p.m.), named associate producer of series.

Geoff Edwards, formerly program di-

rector of KFMB San Diego, joins KHJ Los Angeles as director of special events.

Milt Hoffman, producer of *The Steve Allen Show* for Westinghouse Broadcasting Co., resigns, effective Feb. 1.

Pat Summerall, TV sportscaster and former member of New York Giants football club, appointed sports director of wcbs New York.

Louis B. Ames, director of cultural programing for World's Fair Corp., joins RCA as programs manager for company's activities at 1964-65 New York World's Fair. He will be responsible for developing pro-



Mr. Ames

gram material for color TV studio and closed circuit color TV network that RCA will operate at fair. Before joining World's Fair Corp. in December 1960, Mr. Ames was program manager at WPIX(TV) New York, and earlier served with NBC as associate producer of *Today* show and feature editor of *Home* show.

Russell Johnson, TV actor whose recent credits include Rawhide, Twi- light Zone, The Farmer's Daughter and The Outer Limits, signed by CBS-TV as narrator of The Great Adventure (Fridays, 7:30-8:30 p.m. EST), replac-

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ing Van Hefin, who has resigned because of heavy theater and motion picture commitments. Mr. Johnson's narration will first be heard on "The Colonel From Connecticut" Jan. 10.

Jon R. Anderson, formerly of production staff of WHDH Boston, joins production staff of WTAR-TV Norfolk-Newport News, Va., as staff director.

Bob Casey appointed sports director of KDWD St. Paul, Minn.

Arthur L. Simmons, former news director and air personality at WTSA Brattleboro, Vt., joins WKBK Keene, N. H., as traffic and continuity director.

Reginald N. Lavong joins warcv Philadelphia as air personality.

Ida Kay, formerly with promotion staff of NBC in Hollywood, moves to KHJ-TV Los Angeles as film secretary.

Arthur Mann joins announcing staff of WJOB Hammond, Ind.

NEWS

Lee Nolan, formerly general manager of WVTR White River Junction, Vt., joins WBAB Babylon, N. Y., as director of news and special events programing.

Carl Rochelle, with news department of WITN(TV) Washington, N. C., since June 1962, promoted to news director, replacing Bennie Waters, who resigned.

Carl K. Bell, manager of Associated Press' Phoenix, Ariz., bureau for past seven years, appointed chief of AP's Charlotte, N. C., bureau, replacing Tim Parker, who died Nov. 27 after heart surgery. Frederick W. Moen, news editor and second in command of AP's Kansas City bureau, succeeds Mr. Bell in Phoenix.

Carter Davidson, news commentator at WBBM-TV Chicago, named editorial director, effective Jan. 6, succeeding John Madigan, who served as editorial assistant to general manager prior to assuming duties of WBBM-TV news director.

Thomas H. Wolf, veteran producer of motion picture and TV documentaries, joins ABC News' special program unit in New York as producer. Most recently Mr. Wolf has done free-lance writing and producing of documentaries for TV division of USIA, National Geographic and CBS News. Bill Downs joins ABC News as correspondent.

EOUIPMENT & ENGINEERING

Robert J. McGeehan, member of board of directors and one of the original founders of Entron Inc., manufacturer of TV distribution equipment, Silver Spring, Md., elected executive VP.

Frank C. Mahoney, formerly of Transitron Electronic Corp., appointed district sales manager in New York State

Chesley elected president

Harry W. Chesley Jr., president of D'Arcy Adv., elected president of Media Club of St. Louis. Alfred Fleishman, senior partner in Fleishman-Hillard Inc., elected board chairman of club. Other officers elected: Ray Krings, advertising manager of Anheuser-Busch Inc., VP; William Zalken, public relations director of St. Louis Opera and St. Louis Symphony Society, secretary; William Sanborn, president of Winius-Brandon Co., treasurer. Robert Hyland, CBS Radio VP and general manager of kmox St. Louis, named honorary board chairman.

for Motorola Semiconductor Products Inc., Phoenix.

Three promotions in technical operations department of WBTV(TV) Charlotte, N. C., were announced last week. Elevated to new positions are Robert Dycus, maintenance and remote supervisor; Ozzie Simerly, control supervisor; and Dal Townsend, tape supervisor.

Raymond F. Ryan elected secretarytreasurer of Kollsman Industries, Chicago. He was controller of company's tuner division at Melrose Park, Ill.

Al Leknes appointed to sales staff of General Film Laboratories, Los Angeles, replacing Wilson Leahy, who retires Jan. 1. Mr. Leknes joined company in 1953 when it was organized.

Peter Block, previously with Lear Siegler Inc., appointed advertising and public relations manager of Stellarmetrics Inc., manufacturers of electronic instrumentation equipment, Santa Barbara, Calif.

FANFARE

André F. Rhoads, VP of Infoplan, public relations division of Interpublic Inc., New York, appointed manager of division's newly established Chicago office at 318 S. Michigan Ave. Telephone: Webster 9-3700.

Robert Regehr elected VP in charge of internal operations at Hanson & Schwam Public Relations, Hollywood. Mr. Regehr joined firm in 1958 in radio-TV department, later moving to creative department.

Shirley Ann Welsh joins Market Facts Inc., international marketing research organization, Chicago, as director of public relations.

Anthony DiMarco and Roy C. Guyver elected VP's of The McDermott Co., New York-based national public relations firm. Effective Jan. 1, Mr. Di-

Marco becomes director of all creative services for McDermott, and Mr. Guyver becomes director of administration and personnel.

Emilie C. Cook, formerly with WBKB (TV) Chicago, joins WBBM-TV there as on-the-air promotion writer.

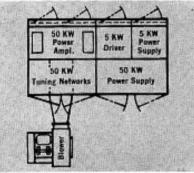
DEATHS

Adolph J. Schneider, 53, VP in charge of production at Magna Film Productions, Boston, died Dec. 3 in that city. Mr. Schneider formerly served for 15 years as news and special events director for NBC.

Luther P. Weaver, 78, board chairman of Weaver-Gardner Inc., St. Paul, Minn., advertising agency, died Nov. 27 at St. John's Hospital there.

George Ehret Burghard, 68, retired electronic products distributor, amateur radio operator and philatelist, died Dec. 8 at Lenox Hill Hospital in New York, six days after suffering heart attack. Mr. Burghard organized and was president from 1920 to 1934 of Continental Radio Corp., New York, a distributor of RCA products, and later served as president of Continental Sales Corp., Newark, N. J., radio equipment suppliers, until he dissolved that concern. He was president of Radio Club of America from 1921 to 1925. In 1921





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317B requires only 72 square
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Mr. Burghard was one of a group of ham radio operators at transmitter site in Greenwich, Conn., to send first shortwave radio message to span the Atlantic. It was received in Scotland. He received bronze medal in 1950 from club for his part in that feat.

Dudley D. McCaskill, 39, commercial manager of wbie-AM-FM Marietta, Ga., died Dec. 2 at Kennestone Hospital there. Mr. McCaskill helped organize Marietta Broadcasting Co., licensee of wbie-AM-FM, in 1955 and served as commercial manager since that time.

John H. Wallenkamp, 70, retired VP and general manager in charge of finance, business administration and service operations for Tracy-Locke Co., Dallas-based advertising agency, died

Dec. 1 in that city. Mr. Wallenkamp joined agency in 1937, was elected VP-treasurer in 1946 and retired last year.

Herbert N. Ferguson, 56, manager of Security Title Co. of Fresno and former VP and general manager of KXOA Sacramento, Calif., died Dec. 5 in automobile accident near Fresno.

H. Bliss Foster, 61, project engineer for RCA in Camden, N. J., together with his wife, Jane, were killed Dec. 8 in crash of Pan American World Airways passenger plane near Elkton, Md. Also among 81 victims of air tragedy were Dr. W. Stanley Herbert, 50, inventor of alkaline cell used widely in transistor radios, and his wife, and George H. Loving, 56, general manager of photo products department of E. I. du Pont de Nemours & Co., and his

wife. Dr. Herbert had been associate director of C. F. Norberg Research Center of Electronic Storage Battery Co., Yardley, Pa.

Middleton M. (Pete) Elliott, 66, sales executive at Caldwell A-V Equipment Ltd., Toronto, and formerly with Canadian Marconi Co. Ltd., Montreal, and Motorola Co. of Canada Ltd., Toronto, died Dec. 4 at Toronto.

A. Wendell Holmes, 60, editorial director on AC Spark Plug account for D. P. Brother & Co., Detroit, died Dec. 7 of heart attack. Mr. Holmes had been with agency since 1936.

William E. Zimmerman, 44, Washington news editor for United Press International, died Dec. 9 at Prince Georges (Md.) General Hospital after two-month illness.

SPECIAL REPORT: RADIO-TV HOMES

Radio in 94% of U.S. homes; TV in 92%

NIELSEN COUNTY-BY-COUNTY BREAKDOWN SHOWS WHERE THEY ARE

There were 1,406,440 more TV homes and 788,750 more radio homes in the United States (excluding Alaska) as of September 1963 than there were in September 1962, according to new county-by-county estimates being released today (Dec. 16) by the A. C. Nielsen Co.

The figures show 94% radio penetration (the same as '62) and 92% TV penetration (up 1%). Alaska, which was estimated to have 64,000 total homes, 48,140 (75%) television homes and 59,830 (93%) radio homes in Nielsen's 1962 report (BROADCASTING, Dec. 17, 1962), was not measured this year.

The new county figures show the greatest radio-TV penetration in the Northeast (96% TV, 95% radio) and the lowest in the South (88% TV, 91% radio). The most radio and TV homes are in the North Central region (15 million TV, 15.3 million radio).

As in the '62 report Rhode Island and New Jersey have the highest TV penetration (96%). There are six states tied at 97% for highest radio penetration: Connecticut, Massachusetts, Rhode Island, New York, Wisconsin and Minnesota.

The lowest TV penetration is in Mississippi (78%), with Arkansas and Mississippi tied at 89% for lowest radio

penetration.

Compiled as "practical estimates," the figures are based on the total home estimates by Sales Management magazine

The TV percentages are Nielsen estimates based on the April 1960 Census, updated from successive Advertising Research Foundation-Census sampling studies during the period. The radio percentages are from the 1960 Census, adjusted to reflect subsequent Census Bureau findings on sets not in working order.

The county-by-county figures which follow are available from Nielsen in booklet form.

Nielsen U.S. radio-TV homes Reprinted with permission of copyright holder. A. C. Nielsen Co

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TOTAL U	. S.		Total homes 55,854,200		TV homes 51,401,600 92%	Radio homes 52,626,710 94%
County	TV Homes %	Radio Homes %	County Homes %	Radio Homes %	TV Radio County Homes % Homes %	TV Radio County Homes % Homes %
ALABAMA Autauga Baldwin Barbour Bibb Blount Bullock Butler Calhoun Chambers Cherokee Chilton Choctaw Clarke Clark Clay Cleburne Coffee Colbert Conecuh Coosa Covington Crenshaw	4,030 84 12,390 89 4,260 70 5,670 85 5,670 85 6,570 85 8,570 82 3,490 83 5,500 89 2,770 66 4,600 81 2,320 80 2,670 81 2,320 80 2,670 81 2,320 80 2,670 81 2,320 80 2,670 81 2,320 80 2,770 66 4,670 81 2,320 80 2,770 81 2,770 81 2,770 81	4.270 89 11.730 84 5.230 86 3,070 90 6,200 93 2.800 87 5,330 87 25,470 90 6,230 89 3,760 90 6,230 89 3,620 86 5,880 89 12,680 93 1,2480 86 7,430 89 12,680 93 3,700 88 2,380 92 8,820 90 3,180 86	County Homes % Fayette 3.520 8t Franklin 4.630 7t Geneva 4.770 8t Geneva 1.690 5t Hale 2.890 6t Henry 2.820 7t Houston 13.240 8t Jackson 7.930 8t Lamar 3.110 8t Lauderdale 14.560 8t Lauderdale 14.560 8t Lauderdale 14.560 8t Lowndes 1.880 5t Macon 30.940 8t Marion 4.740 8t Marion 4.740 8t Marion 4.740 8t Marion 4.740 8t Marshall 12.030 8t Monroe 3.440 9t Montgomery 43.250 8t	4,070 92 5,450 92 5,450 92 2,559 84 3,3910 85 3,3210 89 13,350 86 8,670 90 177,560 94 17,230 95 7,5410 89 3,11,670 90 9,909 93 9,909 93 6,2640 83 5,510 86 5,510 86 5,510 86 6,532 86 86 87 87 87 87 87 87 87 87 87 87 87 87 87	St. Clair 5,540 84 5,870 89 Shelby 7,580 88 7,770 90 Sumter 2,980 66 3,920 87 Talladega 14,570 85 15,770 92 Tallapoosa 8,060 82 8,800 90 Tuscaloosa 24,790 85 26,910 90 Tuscaloosa 24,790 85 26,910 90 Washington 2,640 73 3,130 87 Wilcox 2,260 58 3,310 85 Winston 3,200 84 3,520 93 State total 772,840 85 830,020 91 ARIZONA Apache 2,940 49 4,760 79 Cochise 15,320 85 16,650 93 Coconino 8,120 66 11,270 92 Gila 5,940 80 6,870 93 Graham 2,890 76 3,550 93 Graham 2,890 76 3,550 93 Greenlee 2,480 86 Maricopa 206,040 93 207,220 93 Mohave 1,940 78 2,240 89	ARKANSAS Arkansas 6,110 87 6,180 88 Ashley 5,140 79 5,650 87 Baxter 2,440 76 3,010 94 Benton 10,240 82 11,730 94 Boone 4,210 79 4,990 94 Bradley 3,150 79 3,340 84 Calhoun 1,270 80 1,360 85 Carroll 3,290 80 3,940 96 Chicot 3,420 68 4,280 86 Clark 4,900 82 5,270 88 Clay 5,020 81 5,580 90 Cleburne 2,170 80 2,330 86 Cleveland 1,320 73 1,490 83 Columbia 6,150 79 7,090 91 Conway 3,550 82 4,000 93 Craighead 12,710 90 12,890 91 Crawford 4,970 79 5,780 92 Craighead 12,710 90 12,890 91 Crawford 4,970 79 5,780 99 Crawford 4,970 79 5,780 98 Cross 3,910 81 4,150 86 Dallas 2,260 81 2,400 88 Desha 4,080 77 4,680 88
Cullman Dale Dallas De Kalb Elmore Escambia Etowah	11,120 90 7,690 85 11,230 77 9,730 85 6,430 81 7,190 80 26,690 90	11,450 93 7,920 88 13,270 91 10,520 92 6,910 88 7,910 88 27,200 92	Morgan 15,490 8	3,360 86 4,900 91 5,850 89 4,780 89	Navajo 5,620 59 7,790 82 Pima 83,010 93 83,600 93 Pinal 15,280 87 15,260 87 Santa Cruz 2,410 78 2,770 90 Yavapai 7,680 75 9,550 94 Yuma 12,000 85 13,010 92 State total 371,670 89 387,330 92	Drew 3,040 74 3,590 86 Faulkner 6,300 84 6,740 90 Franklin 2,530 79 2,900 91 Fulton 1,130 59 1,840 97 Garland 14,730 86 15,290 89 Grant 2,070 83 2,090 83 Greene 6,210 85 6,800 93

TV County Homes %	Radio Homes %	TV Homes %	Radio Homes %	County	TV Homes %	Radio Homes %	County	TV Homes %	Radio Homes %
Hempstead 4,520 79 Hot Spring 5,400 83 Howard 2,830 83 Independence 4,930 81 Izard 1,250 62 Jackson 4,950 81 Jefferson 20,730 86	5,120 90 5,890 91 3,170 93 5,630 92 1,770 89 5,490 90 21,340 88		47,030 92 5,020 95 62,930 94 21,720 93 11,070 93 5,271,610 95	Collier Columbia Dade De Soto Dixie Duval Escambia Flagler	4,820 79 4,730 80 328,900 91 2,670 81 810 62 130,530 92 48,010 92 1,070 82	5.040 83 5,360 91 327,240 91 2,830 86 1,160 89 129,740 91 47,140 90 1,150 89	Early Echols Effingham Elbert Emanuel Evans Fannin Fayette	2,300 74 340 67 2,050 82 4,360 87 3,570 76 1,590 84 2,770 79 1,830 87	2,520 81 440 88 2,190 87 4,420 88 4,250 90 1,640 84 3,280 94 1,900 91
Johnson 2,910 77 Lafayette 2,480 83 Lawrence 3,880 78 Lee 3,630 70 Lincoln 2,560 75 Little River 1,870 75 Logan 3,440 80 Lonoke 5,630 88	3,480 92 2,560 85 4,620 92 4,370 84 2,830 85 3,950 92 5,530 86	COLORADO Adams 35,540 97 Alamosa 2,150 80 Arapahoe 34,720 96 Archuleta 490 70 Baca 1,120 59 Bent 1,630 86	35,170 96 2,590 96 35,080 97 630 90 1,830 96 1,810 96	Franklin Gadsden Gilchrist Glades Gulf Hamilton Hardee	1,580 72 6,980 77 640 80 490 70 2,250 78 1,380 69 3,260 86	1,860 85 7,830 86 670 84 630 90 2,550 88 1,720 86 3,040 80	Floyd Forsyth Franklin Fulton Gilmer Glascock Glynn	18,220 90 3,110 91 3,170 88 159,970 92 1,730 79 480 81 11,340 87	19,120 94 3,170 93 3,230 90 162,630 94 1,860 85 500 84 11,960 92
Madison 1,790 64 Marion 1,450 81 Miller 8,380 87 Mississippi 16,410 86 Monroe 3,310 70 Montgomery 1,140 76 Nevada 2,260 75	2,620 94 1,650 92 8,430 88 15,600 82 4,000 85 1,320 88 2,570 86	Boulder 23,000 91 Chaffee 2,220 82 Cheyenne 610 76 Clear Creek 870 87 Conejos 1,460 77 Costilla 510 57 Crowley 1,000 91	24,370 97 2,560 95 790 99 960 96 1,740 92 820 91 1,040 94		124,970 90 1,960 68 ver 7,980 82	2,350 84 3,320 85 6,810 85 123,740 90 2,650 92 9,130 94	Gordon Grady Greene Gwinnett Habersham Hall Hancock Haralson	4,880 89 3,940 82 2,040 75 11,750 92 4,170 83 13,370 90 1,400 64 3,630 87	5,080 92 4,220 88 2,410 89 11,880 93 4,650 93 13,830 93 1,830 83 3,730 89
Newton 910 61 Ouachita 7,490 81 Perry 1.200 86 Phillips 8,980 75 Pike 1.740 79 Poinsett 6,630 87 Polk 2,760 74 Pope 5.400 83	1,370 91 8,210 89 1,310 94 9,980 84 1,930 88 6,650 88 3,450 93 6,050 93	Custer 310 78	390 97 4,750 95 163,500 96 580 97 1,480 99 1,190 92 1,160 97 48,340 96	Jackson Jefferson Lafayette Lake Lee Leon Levy Liberty	7,050 74 1,680 70 590 66 18,510 89 19,070 87 17,750 85 2,220 67 660 73	8,480 89 1,930 80 750 84 18,400 89 20,510 94 19,030 92 2,860 87 760 85	Harris Hart Heard Henry Houston Irwin Jackson	2,270 81 3,680 88 980 81 3,800 84 10,640 91 1,690 77 4,380 86	2,350 84 3,740 89 1,100 92 4,020 89 10,540 90 1,900 87 4,720 93
Prairie 2,260 81 Pulaski 71,440 91 Randolph 2,620 75 St. Francis 6,460 79 Saline 7,240 91 Scott 1,440 76 Searcy 1,640 71	2,530 90 70,990 91 3,290 94 7,000 85 7,200 90 1,690 89 1,980 86	Fremont 5.310 84 Garfield 3,120 80 Gilpin 270 89 Grand 820 75 Gunnison 1,100 73 Hinsdale 200 100 Huerfano 1.680 77	5,950 95 3,730 96 280 94 1.000 91 1,470 98 200 100 2.040 93	Madison Manatee Marion Martin Monroe Nassau Okaloosa	2,510 64 25,820 91 13,650 80 5,820 86 11,950 76 4,400 88 16,690 90	3,530 91 25,760 90 15,440 91 6,150 90 14,630 93 4,570 91 17,450 94	Jasper Jeff Davis Jefferson Jenkins Johnson Jones Lamar	1,040 74 1,670 76 3,250 77 1,720 78 1,610 80 1,670 80 2,340 84	1,230 88 1,980 90 3,560 85 1,920 87 1,770 89 1,890 90 2,410 86
Sebastian 22,510 91 Sevier 2,690 84 Sharp 980 61 Stone 1,200 71 Union 12,940 86 Van Buren 1,770 81 Washington 15,220 81	23,160 93 2,830 88 1,480 92 1,480 87 13,530 90 2,030 92 17,450 93	Jackson 440 87 Jefferson 49,090 97 Kiowa 530 76 Kit Carson 1,510 75 Lake 1,630 81 La Plata 5,200 82 Larimer 16,450 92	480 95 49,580 98 690 98 1,940 97 1.750 87 5,970 95 17,280 97	Okeechobe Orange Osceloa Palm Beac Pasco Pinellas Polk Putnam	ee 1,880 86 85,730 92 6,320 84 ch 79,120 89 11,990 87 154,510 92 57,940 90 8,680 86	1,790 81 79,290 85 6,680 89 79,030 89 11,950 87 153,260 91 56,570 88 8,940 89	Lanier Laurens Lee Liberty Lincoln Long Lowndes Lumpkin	940 72 7,030 79 1,070 76 3,080 81 1,130 81 750 75 11,380 81 1,560 87	1,210 93 8,010 90 1,280 91 3,320 87 1,180 85 770 77 12,990 93 1,680 94
White 8.380 86 Woodruff 2.730 76 Yell 2.920 81 State total 441,820 83 CALIFORNIA	8,950 91 3,120 87 3,290 92 474,490 89	Las Animas 4,040 73 Lincoln 1,460 86 Logan 5,480 87 Mesa 15,080 90 Mineral 130 64 Moffat 1,680 73 Montezuma 3,710 82 Montrose 4,890 86	5,040 92 1,670 98 6,170 98 16,220 97 190 93 2,180 95 4,340 96 5,380 94	St. Johns St. Lucie Santa Ros Sarasota Seminole Sumter Suwannee	8,240 87 12,100 85 7,820 90 28,760 88 16,970 90 2,890 80 3,120 71	8,540 90 13,010 91 7,860 90 29,510 91 16,800 89 2,930 81 3,960 90	McDuffie McIntosh Macon Madison Marion Meriwether Miller	2,900 83 1,280 75 2,310 72 2,580 83 820 63 3,840 80 1,240 73	3,230 92 1,510 89 2,620 82 2,840 92 1,110 85 4,300 90 1,460 86
Alameda 292,940 94 Alpine 70 74 Amador 2,810 88 Butte 28,570 90 Calaveras 3,270 88 Colusa 3,430 88 Contra Costa	299,950 96 90 90 3,010 94 29,800 94 3,510 95 3,510 90 126,320 97	Morgan 6,180 94 Otero 6,120 87 Ouray 380 76 Park 500 83 Phillips 1,390 93 Pitkin 510 64 Prowers 2,860 73	6.490 98 6,690 96 490 97 590 98 1,490 99 690 86 3,790 97	Taylor Union Volusia Wakulla Walton Washingto State total	2,910 73 950 80 45,710 89 1,240 83 3,510 78 n 2,480 75 1,590,850 89	3,350 84 1,010 84 46,350 91 1,220 81 4,170 93 3,060 93 1,602,290 90	Mitchell Monroe Montgomer Morgan Murray Muscogee Newton Oconee	3,570 76 2,140 82 900 64 1,960 78 2,310 82 42,150 91 5,040 87 1,570 92	4,000 85 2,260 87 1,300 93 2,190 88 2,550 91 42,360 92 5,330 92 1,620 96
Del Norte 4,760 83 Eldorado 11,190 93 Fresno 107,410 92 Glenn 5,270 91 Humboldt 31,360 91 Imperial 17,100 84 Inyo 2,990 73	5,130 90 11,100 92 108,510 93 5,560 96 32,100 94 18,880 93 3,610 88	Pueblo 32,980 95 Rio Blanco 1,270 84 Rio Grande 2,300 77 Routt 1,120 70 Saguache 790 72 San Juan 180 89 San Miguel 670 75 Sedgwick 1,140 88	33,050 95 1,430 95 2,840 95 1,560 98 960 87 200 100 850 94 1,230 95	GEORGIA Appling Atkinson Bacon Baker Baldwin	2,330 73 810 58 1,630 77 680 68 4,600 78	2.910 91 1,180 84 1,890 90 880 88 5,320 90	Oglethorpe Paulding Peach Pickens Pierce Pike Polk	1,390 77 3,340 90 3,070 83 2,150 86 1,770 77 1,310 77 7,020 88	1,610 89 3,230 87 3,280 89 2,260 90 2,110 92 1,520 89 7,260 91
Kern 85.310 93 Kings 13,160 90 Lake 4.720 81 Lassen 3,550 85 Los Angeles 2,077.400 94 Madera 10.980 91 Marin 48.840 94		Summit 500 83 Teller 810 90 Washington 1,630 81 Weld 20,440 94 Yuma 2,310 82 State total 524,240 91	510 85 870 97 1,960 98 20,780 95 2,770 99 553,570 96	Banks Barrow Bartow Ben Hill Berrien Bibb Bleckley Brantley	1,340 79 3,760 87 7,340 90	1,580 93 3,990 93 7,470 91 3,360 89 2,570 86 42,260 94 2,310 89 1,320 88 3,330 90 1,240 83 5,810 92	Pulaski Putnam Quitman Rabun Randolph Richmond Rockdale Schley	1,720 75 1,600 80 420 70 1,600 80 1,920 71 33,420 91 2,540 88 610 76	1,950 85 1,760 88 570 94 1,810 91 2,410 89 33,270 90 2,650 92 680 85
Mariposa 1.460 81 Mendocino 25.500 92 Modoc 1.990 83 Mono 590 66 Monterey 53.830 92 Napa 19.200 92	10,970 91 50,690 97 1,720 96 14,620 94 24,930 90 2,260 94 770 86 55,420 95 19,760 95 7,210 92 256,370 95 18,080 93 3,270 86 106,090 93 166,460 94 4,380 91	CONNECTICUT Fairfield 202,030 96 Hartford 209,899 95 Litchfield 36,370 94 Middlesex 25,620 94 New Haven 201,390 95 New London 49,720 93	204,070 97 214,480 97 37,090 96 26,370 97 203,900 97 51,820 97 19,600 98 20,550 95 777,880 97	Brantley Brooks Bryan Bulloch Burke Butts Calhoun Camden	2,770 73 2,190 73 40,540 90 1,970 76 1,200 80 2,880 78 1,230 82 5,180 82 3,530 71 1,960 85 990 58 2,350 87	1,320 88 3,330 90 1,240 83 5,810 92 4,110 82 1,970 84 1,420 84	Screven Seminole Spalding Stephens Stewart Sumter Talbot	2,540 88 610 76 2,520 74 1,260 79 9,400 89 4,360 84 1,140 63 4,880 73 1,250 74	680 85 2.830 83 1,440 90 9,890 93 4,830 93 1,450 81 5,820 87 1,340 79
Nevada 6.900 88 Orange 260.140 97 Placer 18,010 92 Plumas 3.210 85 Riverside 105.340 92 Sacramento 167.400 95 San Benito 4.270 89 San Bernardino 420 80	7,210 92 256,370 95 18,080 93 3,270 86 106,090 93 166,460 94 4,380 91	Tolland 18,790 94 Windham 20,220 93 State total 764,030 95 DELAWARE Kent 18,870 92	19,600 98 20,550 95 777,880 97 19,140 93 93,890 96	Candler Carroll Catoosa Charlton Chatham Chattahoo	1,210 76 9,660 90 5,860 93 1,040 80 50,670 90 chee 1,210 93	5,810 92 4,110 82 1,970 86 1,420 84 2,350 87 1,440 90 9,750 91 5,780 92 1,060 81 50,070 89	Taliaferro Tattnall Taylor Telfair Terrell Thomas Tift Toombs	2,900 80 1,600 76 1,970 66 2,290 74 8,210 84 4,960 79 3,200 71	670 84 3,110 86 1,760 84 2,780 93 2,680 87 8,340 85 5,660 90 4,160 92
162.750 94 San Diego 341,920 94 San Francisco 251.580 87 San Joaquin 73.280 91 San Luis Obison 26.850 91	162,940 94 341,550 94 271,150 94 74,590 93 27,820 94	New Castle 93,440 96 Sussex 20,320 87 State total 132,630 94 DISTRICT OF COLUMBIA Dist. of Columbia	22,180 95 153,210 96	Chattooga Cherokee Clarke Clay Clayton Clinch Cobb	4,700 87 5,850 90 12,080 88 770 70 13,560 94 1,250 74 34,070 95	4,900 91 6,020 93 13,110 95 990 90 13,280 92 1,480 87 33,890 94 5,090 93 7,860 87 3,270 86	Towns Treutlen Troup Turner Twiggs Union Upson	920 84 1,130 71 11,020 84 1,640 78 1,320 78 1,390 82 5,760 86 12,540 92	1,040 95 1,530 96 11,750 90 1,810 86 1,540 86 1,640 97 6,060 90
San Mateo 151.400 96 Santa Barbara 61.660 92 Santa Clara 219.860 95 Santa Cruz 31.230 91 Shasta 19.840 93 Sierra 650 81	152,230 97 63.140 94 222.160 96 32,630 95 20,210 95 680 85	229,410 89 State total 229,410 89 FLORIDA Alachua 17,590 80 Baker 1,460 86	239,690 93 239,690 93 19,860 91 1,510 89	Coffee Colquitt Columbia Cook Coweta Crawford Crisp Dade	4,130 75 7,630 85 3,260 86 2,470 77 6,770 84 930 66 3,780 76 2,030 88	5,090 93 7,860 86 3,270 86 2,940 92 7,430 92 1,180 84 4,330 87 2,010 88	Walker Walton Ware Warren Washingtor Wayne Webster	4,740 86 8,350 84 1,260 74 1 3,140 67 4,120 82 470 59	12,510 91 5,130 93 9,030 90 1,510 89 4,160 89 4,370 87 690 87 1,160 97
Siskiyou 9.490 85 Solano 40.080 95 Sonoma 47,910 91 Stanislaus 46.410 90 Sutter 10.230 93 Tehama 8.320 93 Trinity 2.960 82	10,480 94 39,770 95 50,180 95 47,700 93 10,350 94 8,460 95 3,390 94	Bay 17,630 90	18,540 95 3,140 87 38,980 92 119,170 92 1,860 93 5,640 91 2,900 81 5,200 91	Dawson Decatur De Kalb Dodge Dooly Dougherty Douglas	790 79 5,360 81 81,840 96 3,290 78 2,150 77	2,510 88 5,830 88 81,590 95 3,750 89 2,560 91 20,120 89 4,330 90	Wheeler White Whitfield Wilcox Wilkes Wilkinson Worth State total	800 67 1,440 80 11,600 91 1,480 78 2,070 71 1,860 77 3,110 80 978,520 87	1,640 91 11,980 94 1,640 86 2,590 89 2,200 92 3,170 81

NIELSEN RADIO-TV HON	MES continued	County Homes %	Radio Homes %	County Homes %	
TV Radio County Homes % Homes %	County Homes % Homes	* Ohio 1.240 95	3,360 93 8,370 95 1,200 92	Obrien 5,480 95 Osceola 2,740 91 Page 5,940 91 Palo Alto 3,530 86	5,660 98 2,970 99 6,290 97 4,070 99
Hawaii 11,930 79 13,560 90 Honolulu 121,080 93 124,630 96	Logan 8,760 93 9,120 9 McDonough 8,470 93 8,640 9 McHenry 26,750 97 26,650 9 McLean 24,750 93 25,420 9	5 Owen 3,390 92 7 Parke 4,580 94 5 Perry 4,430 87	4,700 90 3,420 93 4,420 90 4,540 89	Plymouth 6,510 94 Pocahontas 3,770 92 Polk 84,650 95	6,630 96 3,990 97 85,160 96
Kauai 3,600 46 7,550 96 Maui 9,190 87 9,830 93 State total 145,800 89 155,570 95	Macon 36,820 94 36,500 9 Macoupin 13,270 93 13,520 9 Madison 67,880 95 67,590 9	4 Pike 3,550 87 5 Porter 17,920 95 5 Posey 5,070 86	3,690 90 17,770 95 5,460 93	Pottawattamie 25,140 95 Poweshiek 5,410 93	25,270 95 5,620 97
IDAHO Ada 28,790 93 29,690 96	Marion 11,900 92 12,140 9 Marshall 3,850 92 4,090 9 Mason 4,670 93 4,700 9 Massac 4,150 88 4,240 9	7 Putnam 6,480 93 4 Randolph 8,550 92	3,540 96 6,350 91 8,520 92	Ringgold 2,320 93 Sac 4,860 92 Scott 35,690 95 Shelby 4,240 94	2,450 98 5,110 96 35,720 96 4,430 99
Adams 730 81 830 92 Bannock 13,310 92 13,930 96 Bear Lake 1,740 87 1,940 97 Benewah 1,710 90 1,780 94	Menard 2,710 90 2,820 9 Mercer 5,140 95 5,170 9 Monroe 4,440 92 4,580 9	4 Rush 5,880 95 6 St. Joseph 69,200 95	5,730 92 5,670 91 68,130 93 3,940 88	Sioux 6,590 88 Story 13,860 94 Tama 6,230 93	7,380 98 14,360 97 6,470 97
Benewah 1,710 90 1,780 94 Bingham 7,220 95 7,360 97 Blaine 1,170 84 1,210 86 Boise 440 88 490 98	Montgomery 9,400 92 9,750 9 Morgan 9,630 91 9,860 9 Moultrie 3,750 89 3,730 8	6 Shelby 10,480 94 3 Spencer 4,090 89 9 Starke 4,730 91	10,400 94 4,210 92 4,700 90	Taylor 2,870 87 Union 3,930 91 Van Buren 2,760 89	3,230 98 4,230 98 2,920 94
Bonner 4,230 88 4,570 95 Bonneville 13,340 95 13,680 98 Boundary 1,390 82 1,500 88	Ogle 11,580 94 11,770 9 Peoria 55,910 94 56,340 9 Perry 5,370 90 5.630 9 Piatt 4,490 96 4,390 9	Sullivan 6,590 91 Switzerland 1,900 86	5,020 95 6,160 86 2,110 96	Wapello 13,730 94 Warren 6,340 95 Washington 5,350 89 Wayne 2,890 88	13,430 92 6,460 96 5,590 93 3,190 97
Butte 850 94 850 95 Camas 280 94 300 100 Canyon 15,950 90 17,030 96 Caribou 1,380 86 1,570 98	Pike 6,090 91 6,320 9 Pope 980 82 1,110 9 Pulaski 2,530 84 2,720 9	4 Tipton 4,730 95	25,280 95 4,610 92 1,770 93	Webster 14,370 94 Winnebago 3,730 93 Winneshiek 5,400 90	14,980 98 3,840 96 5,860 98
Cassia 4,170 93 4,320 96 Clark 270 91 270 89 Clearwater 2,250 87 2,420 93	Putnam 1,320 88 1,430 9 Randolph 7,820 93 7,960 9 Richland 4,440 87 4,800 9	6 46,620 92 5 Vermillion 5,300 93 4 Vigo 32,400 93	46,290 91 5,080 89 31,770 91	Woodbury 32,040 95 Worth 2,880 93 Wright 5,740 94	31,370 93 3,010 97 5,870 96
Elmore 4,730 93 4,800 94 Franklin 1,880 90 2,060 98	Rock Island 46,390 96 46,610 95t. Clair 77,780 94 77,340 95 8,010 95 8angamon 45,440 93 46,790 95	Wabash 9,360 89 Warren 2,410 89 Warrick 6,390 90	9,730 93 2,490 92 6,420 90	State total 802,800 94 KANSAS	826,620 96
Fremont 2,260 94 2,340 98 Gem 2,530 90 2,740 98 Gooding 2,370 91 2,510 97 Idaho 3,270 80 3,940 96	Schuyler 2,680 92 2,760 9 Scott 1,890 95 1,920 9 Shelby 6,540 88 6,960 9	5 Wavne 21,440 93 6 Wells 6,130 92 4 White 5,860 92	5,200 93 21,780 95 6,300 94 6,040 94	Allen 5,040 87 Anderson 2,660 89 Atchison 6,020 94	5,420 93 2,780 93 5,890 92
Jefferson 2,820 97 2,810 97 Jerome 3,080 93 3,170 96 Kootenai 9,210 94 9,450 96	Stark 2,350 94 2,400 94 Stephenson 13,950 94 14,290 94 Tazewell 30,600 95 30,720 95	6 Whitley 6,010 94 6 State total 1,362,690 93	6,180 97	Barber 2,450 88 Barton 10,080 95 Bourbon 4,940 90	2,660 95 10,040 95 5,150 94
Latah 5,350 86 5,970 96 Lemhi 1,230 68 1,760 98 Lewis 1,270 91 1,330 95 Lincoln 890 89 920 92	Union 4,470 91 4,660 9 Vermilion 29,400 94 29,110 9 Wabash 3,840 89 3,980 9 Warren 6,410 94 6,590 9	3 Adair 3.200 94	3,280 97 2,140 97	Brown 4,230 90 Butler 11,200 93 Chase 1,120 86 Chautauqua 1,890 90	4,520 96 11,420 95 1,240 96 1,940 93
Madison 2,190 95 2,240 97 Minidoka 3,750 89 3,950 94 Nez Perce 8,110 91 8,550 96	Washington 3,880 86 4,230 9 Wayne 4,990 82 5,820 9 White 4,980 82 5,720 9	6 Allamakee 4,140 92 5 Appanoose 4,660 90 4 Audubon 3,110 94	4,420 98 4,930 95 3,250 98	Cherokee 6,870 93 Cheyenne 1,240 89 Clark 1,110 92	6.610 89 1,370 98
	Whiteside 17,940 94 18,200 9 Will 56,350 96 55,740 9 Williamson 14,000 91 14,230 9 Winnebago 64,970 95 63,900 9	5 Black Hawk 36,320 96 3 Boone 7,940 95	6,960 97 36,630 96 8,050 96	Clay 3,030 82 Cloud 3,900 83 Coffey 2,380 82	3,600 97 4,540 97 2,800 97
Shoshone 5,460 89 5,920 97 Teton 680 98 640 92 Twin Falls 12,290 94 12,640 97	Winnebago 64,970 95 63,900 9 Woodford 6,920 91 7,240 9 State total 3,026 930 94 3,058,930 9	5 Buchanan 5,560 93	6,110 97 5,770 96 6,420 97 5,200 96	Comanche 820 82 Cowley 11,340 91 Crawford 11,860 93 Decatur 1,780 89	980 98 11,610 94 11,780 92 1,970 98
Valley 810 81 940 94 Washington 2,230 86 2.530 97 State total 183,500 91 193,340 96	INDIANA Adams 6.670 91 7,020 8	Calhoun 4,640 93 Carrol1 6,360 95 6 Cass 5,570 93	4,950 99 6,610 99 5,840 97	Dickinson 6,760 89 Doniphan 2,800 90 Douglas 12,020 90	7,450 98 2,930 94 12,900 96
ILLINOIS Adams 20,950 95 21,330 97	Allen 69,710 94 69,430 9 Bartholomew 14,680 94 14,590 9	Cerro Gordo 14,870 95 3 Cherokee 5,020 93	5,570 98 15,120 96 5,180 96	Edwards 1,640 91 Elk 1,420 84 Ellis 5,680 93	1,750 97 1,580 93 6,030 99
Alexander 4,090 85 4,160 87 Bond 3,950 88 4,240 94 Boone 6,070 93 6,270 97	Benton 3,120 92 3,180 9 Blackford 4,270 93 4,330 9 Boone 8,390 94 8,220 9 Brown 1,950 93 1,830 8	4 Clarke 2.450 91 2 Clay 5,240 90	4,150 96 2,620 97 5.710 98 6,590 98	Ellsworth 2,170 87 Finney 4,500 92 Ford 6,110 93 Franklin 6,160 91	2,340 94 4,780 98 6,410 97 6,280 92
Bureau 11,210 93 11,380 95 Calhoun 1,720 90 1,840 97 Carroll 5 720 94 5 780 95	Carroll 5,040 93 5.070 9 Cass 11,440 92 11,840 9 Clark 17,730 93 17,460 9	4 Clinton 16,480 96 5 Crawford 5,160 94 2 Dallas 7,330 94	16,600 97 5,340 97 7,460 96	Geary 7,510 92 Gove 1,070 82 Graham 1,450 91	7,610 93 1,290 99 1,560 98
Cass 4,360 91 4,500 94 Champaign 36,080 93 36,300 94 Christian 10,010 93 11,010 94	Clay 7.540 93 7.110 8 Clinton 9.390 94 9.190 8 Crawford 2.060 83 2.200 8 Daviess 6.880 87 6.960 8	2 Decatur 2,630 85	2,660 95 2.970 96 5,230 97 13,930 95	Grant 1,260 90 Gray 1,180 91 Greeley 530 88	1,280 91 1,190 91 590 98
Clay 4,180 84 4,850 97 Clinton 6,430 93 6,530 95	Crawford 2,060 83 2,200 8 Daviess 6,880 87 6,960 8 Deearborn 8,310 93 8,410 8 Decatur 5,770 92 5,620 8 De Kalb 8140 95 8,660 9 Dubois 6,890 87 7,450 9 Elkhart 31,300 91 31,930 9 Fayette 6,970 93 6,750 9 Floyd 15,220 95 14,960 9 Franklin 4,040 88 4,370 9 Franklin 4,040 88 4,370 9	B Delaware 5,010 93 B Des Moines 13,740 94 Dickinson 3,490 89 Dubuque 20,150 92 Emmet 3,770 84 Floyd 6,030 93 Franklin 4,540 95 Fremont 3,050 95 Grundy 4,270 95 Grundy 4,280 95 Grundy 4,270 95 Grundy 4,080 93	3,820 98 3,820 98 21,370 98 4,310 96 8,360 98 6,210 96 4,670 97 3,070 96 4,390 98 4,390 98	Greenwood 3.150 87 Hamilton 820 82 Harper 3.080 91 Harvey 7.540 90	3,390 94 910 91 3,220 95 7,930 94 830 92
Coles 12,950 93 13,050 94 Cook 1,566,290 95 1,578,870 95 Crawford 6,490 93 6,540 93 Cumberland 2,850 89 2,880 90	Delaware 33,030 94 32,030 9 Dubois 6.890 87 7,450 9 Elkhart 31,300 91 31,930 9	2 Fayette 7,930 93 4 Floyd 6,030 93 3 Franklin 4,540 95	8.360 98 6,210 96 4.670 97	Haskell 820 91 Hodgeman 770 86 Jackson 3.020 89	3,210 95
De Kalb 14,960 95 15,360 97 De Witt 5,290 93 5,450 96 Douglas 5,960 93 5,910 92 Du Page 96,480 97 96,820 98	Fayette 6.970 93 6,750 9 Floyd 15,220 95 14,960 9 Fountain 5,550 92 5,450 9 Franklin 4.040 88 4,370 9	0 Fremont 3.050 95 3 Greene 4,280 95 1 Grundy 4,270 95 5 Guthrie 4,080 93	4.390 98 4.390 98 4.270 97	Jefferson 3.150 90 Jewell 1,870 78 Johnson 46,450 97 Kearny 820 92	3,360 96 2,370 99 46.510 97
Edgar 6,940 92 7,170 96 Edwards 2,100 84 2,350 94 Effingham 5,970 86 6,670 97	Cib 0.500 01 0,700 0	Hamilton 6.000 94	6,180 97 4,250 97 7,520 98 5,110 95	Kingman 3 100 94 Kiowa 1.230 82 Labette 7,940 90	46.510 97 890 99 3,080 93 1,410 94 7.970 91 870 97
Fayette 5,780 89 6,310 97 Ford 4,850 93 5,020 97 Franklin 11,510 90 11,930 93	Grant 21.880 92 21.990 9 Greene 8,150 91 7,810 8 Hamilton 12.330 95 12,290 9 Hancock 8,510 95 8,450 9 Harrison 5,160 90 5,390 9 Hendricks 12.800 95 12,700 9	7 Harrison 5,020 93 5 Henry 4,830 88 4 Howard 3,190 86	5,110 95 5,270 96 3,540 96 3,960 99	Lane 810 90 Leavenworth 11,870 94	11.870 94
Gallatin 1,900 83 2,070 90		5 Humboldt 3.660 92 4 Ida 3.100 94 2 Iowa 4,790 92 2 Jackson 5,860 92	3,960 99 3,160 96 4,990 96 6,140 96 11,190 97	Lincoln 1.570 82 Linn 2.590 89 Logan 1,070 83 Lyon 7,280 86	1,870 98 2.710 94 1,250 96 8.130 96
Grundy 6,770 95 6,770 95 Hamilton 2,550 80 3,090 97 Hancock 7,210 94 7,450 97 Hardin 1,520 89 1,550 91 Henderson 2,370 91 2,420 93	Howard 21.110 94 20,560 9 Huntington 10.100 94 10.050 9 Jackson 8 720 93 8,850 9 Jasper 4 930 91 5.100 9	2 Jackson 5,860 92 4 Jasper 10.930 95 4 Jefferson 4.450 91 5 Johnson 14,510 91	4,730 97 15,440 97	McPherson 6.520 86 Marion 4.160 87 Marshall 4.530 86	7,200 95 4.530 94
Iroquois 9,740 93 10,020 95	Huntington 10,100 4 10,050 Jackson 8 720 93 8,850 9 Jasper 4 930 91 5,100 9 Jay 6,520 89 6,770 9 Jefferson 6,070 91 6,280 9 Jennings 4,160 91 4,190 9 Johnsen 13,460 96 13,090 9 Kosciusko 12,530 92 12,390 9 Kosciusko 12,340 92 12,610 9 Lagranga 3070 81 4160 8	3 Jones 5,660 94 Keokuk 4 290 89 1 Kossuth 6,690 94 1 Lee 12,700 94 1 Linn 44,090 96 1 Louisa 2,940 92	5,800 97 4,560 95 6,910 97 12,870 95	Meade 1,650 97 Miami 5,770 95 Mitchell 2,360 84	5.080 96 1,640 97 5,770 95 2,700 97
Jasper 3,090 88 3,420 98			3.100 97 3.310 05	Montgomery 13.850 90 Morris 2.070 86 Morton 940 86 Nemaha 3,540 91	14,460 94 2,300 96 1,010 92 3,630 93
Jo Daviess 5,790 89 6,320 97 1 Johnson 1,830 87 2,030 97 1 Kane 61,250 95 61,210 95 1	La Porte 27.550 95 27,250 9 Lawrence 10.650 93 10,590 9	B Lyon 3.800 91 Madison 3.710 95 Mahaska 6.850 91	4.000 95 3,810 98 7.190 96 7,460 97	Neosho 5.720 91 Ness 1,600 89 Norton 2.380 88	5,910 94 1,710 95 2,590 96 (4,040 94
Kendall 5,290 96 5,310 97 1 Knox 18,950 96 19,070 96 1			3,360 96	Osage 3,870 90 Osborne 1,970 82 Ottawa 1,970 82	2.310 96 2.370 99
Lawrence 5,360 91 5,460 93 1 Lee 10,020 95 10,080 95 1	Macison 38,030 95 36,840 9 Marion 212.890 94 208,810 9 Marshall 9,280 92 9,200 9 Martin 2.590 89 2.530 8 Miami 12,120 92 12,290 9 Monrore 16.020 89 16.600 9 Montgomery 10,150 94 10,030 9 Morgan 9,920 94 9,720 9	Mitchell 3 910 93 Monona 3,880 92 Monroe 2,850 92 Montgomery 4.450 93	4.050 97 4.030 96 2.900 93 4.670 97	Pawnee 2,730 91 Phillips 2,510 81 Pottawatomie 3,280 89	2,840 95 2,980 96 3,510 95
Livingston 11,090 92 11.600 96 1	Morgan 9.920 94 9,720 9	Muscatine 10,540 95	10.550 95	Pratt 3,780 92	3,800 93

County	TV	Radio	TV	Radio	TV	Radio	TV TV	Radio
	Homes %	Homes %	County Homes %	Homes %	County Homes %		County Homes %	
Rawlins Reno	1,400 87 18,400 94	1,540 96 18,290 94	Marshall 4,960 90 Martin 1.580 71	5,040 92 1,710 76	Webster 10,430 86 West Baton Rouge	10,840 90	Huron 8,780 91 Ingham 60,200 94	
Republic	2,840 86	3,210 97	Mason 4,770 85	5,230 93	3,340 84	3,650 91	Ionia 11,760 96	11,780 96
Rice Riley	4,110 93 9,570 89	4,120 94 10,350 96	Meade 5,180 92 Menifee 760 69	5,270 94 970 88	West Carroll 2,900 81 West Feliciana	3,030 84	Iosco 5,930 94 Iron 4,940 91	
Rooks Rush	2,720 91 1,730 91	2,810 94 1,610 96	Mercer 3,770 82 Metcalfe 1,800 76	4,430 96 2,090 91	Winn 1,640 75 3,610 77	1,980 90 4,200 89	Isabella 6,490 91 Jackson 37,270 95	9,010 97
Russell	3,310 89	3,550 96	Monroe 2,670 84	2,900 91	State total 831,700 88		Kalamazoo 48,690 95	49,490 96
Saline Scott	16,350 93 1,520 90	16,670 95 1,670 98	Montgomery 2,830 71 Morgan 1,900 70	3,830 98 2,340 87	****		Kalkaska 1,150 88 Kent 106,880 94	
Sedgwick	101,570 95	101,420 95	Muhlenberg 6,580 85	6,830 89	MAINE		Keweenaw 720 90	740 93
Seward Shawnee	4,780 90 43,840 94	4,950 93	Nelson 4,750 88 Nicholas 1,550 77	5,040 93 1,860 93	Androscoggin 25,430 95	25,460 95	Lake 1,550 86 Lapeer 10,670 95	
Sheridan	1,050 87	44.270 95 1,200 100	Ohio 4,070 81	4.270 B5	Aroostock 23,920 90	25,180 95	Leelanau 2,610 90	2,650 91
Sherman Smith	1,970 90 2,370 88	2,160 98 2,620 97	Oldham 2,820 91 Owen 1,940 81	2,870 93 2,110 88	Cumberland 53,380 95 Franklin 4,970 87	52,980 94 5,100 90	Lenawee 21,320 94 Livingston 10,990 96	
Stafford	2,270 91	2,410 96	Owsley 490 41	1,010 84	Hancock 9,560 94	8,910 87	Luce 1,450 85	1,510 89
Stanton Stevens	490 81 1,030 80	590 98 1.240 95	Pendleton 2,760 92 Perry 4,820 67	2,780 93 6,600 92	Kennebec 24,080 93 Knox 8,120 89	23,930 92 8,470 93	Mackinas 2,740 89 Macomb 119,280 97	
Sumner	7,810 92	8,080 95	Pike 12,020 80	13,110 87	Lincoln 5,340 92	5,380 93	Manistee 5,500 92	5,770 96
Thomas Trego	1,910 83 1,360 65	2,230 97 1,550 97	Powell 910 53 Pulaski 6,480 68	1,500 68 9,170 97	Oxford 12,040 94 Penobscot 34,180 94	11,700 91 33,230 91	Marquette 15,570 94 Mason 5,920 86	6,580 95
Wabaunsee Wallace	1,870 85 590 84	2,160 98 680 97	Robertson 680 86 Rockcastle 1,780 57	730 91 2,830 91	Piscataquis 4,630 93 Sagadahoc 6,410 92	4,430 89 6,450 92	Mecosta 5,290 91 Menominee 6,710 93	5,420 93 6,850 95
Washington	2,930 84	3,300 94	Rowan 2,540 77	3,160 96	Somerset 10,660 92	10,720 92	Midland 14,410 96	14,520 97
Wichita Wilson	660 83 4,000 85	790 98 4,510 96	Russell 2,080 72 Scott 3,750 83	2,720 94 4,280 95	Waldo 6,070 91 Washington 8,890 90	5,960 89 8,740 88	Missaukee 1,630 86 Monroe 28,490 96	1,740 92 28,480 96
Woodson	1,460 82	1,730 96	Shelby 4,910 89	5,050 92	York 29,020 95	28,610 94	Montcalm 10,790 94	10,780 94
Wyandotte State total	55,780 94 640,080 92	54,490 92 660,910 95	Simpson 3,000 86 Spencer 1,420 89	3,380 97 1,420 69	State total 266,700 93	265,250 93	Montmorency 1,140 81	1.330 95
Diate total	010,000 05	000,510 50	Taylor 3,740 78	4,620 96	MARYLAND		Muskegon 41,980 95	42,620 96
KENTUCKY			Todd 2,710 85 Trigg 2,110 84	2,810 88 2,150 86	Allegany 23,070 91	23,830 94	Newaygo 6,760 91 Oakland 207,710 97	6,920 94 206,320 97
Adair	2,560 66	3.550 91	Trimble 1,230 88	1,300 93	Anne Arundel 55,730 95	56,260 96	Oceana 4,190 87	4,420 92
Allen	2,950 62	3,340 93	Union 3,530 84 Warren 11,690 86	3,590 85 12,550 92	Baltimore 419,140 97	418,580 97	Ogemaw 2,640 91 Ontonagon 2,610 82	2,640 91 3,010 94
Anderson Ballard	2,390 88 2,410 89	2,570 95 2,340 87	Washington 2,420 86	2,600 93	Calvert 3,660 87 Caroline 5,260 86	3,750 89 5,490 90	Osceola 3,740 91 Oscoda 960 80	3,800 93 1,070 90
Barren Bath	7,080 84 1,760 70	7,730 92 2,310 92	Wayne 1,900 53 Webster 3,500 78	3,370 94 3,900 87	Carroll 14,150 95	14,330 96	Otsego 2,100 92	2,270 99
Bell	6,260 78	7,090 69	Whitley 5,070 77 Wolfe 870 58	6,100 92 1,280 85	Cecil 12,580 95 Charles 7,550 89	12,000 90 7,490 88	Ottawa 27,490 94 Presque Isle 2,880 80	28,530 96 3,520 98
Boone Bourbon	6,440 95 4,610 85	6,490 95 5,040 93	Woodford 2,820 83	3,230 95	Dorchester 7.920 86	8,770 95	Roscommon 2,470 95	2,440 94
Boyd	14,470 94	14,230 92	State total 736,560 85	795,700 92	Frederick 19,780 93 Garrett 4,440 81	19,670 93 4,940 90	Saginaw 53,350 95 St. Clair 30,780 95	52,710 94 31,200 96
Boyle Bracken	4,980 83 1,940 88	5,600 93 2,020 92	LOUISIANA		Harford 21,310 94 Howard 10,030 95	21,040 93 10,090 95	St. Joseph 12,970 95	12,950 95
Breathitt	1,510 49	2,890 93			Kent 4,250 90	4,330 92	Sanilac 8.830 92 Schoolcraft 2,190 84	9,260 97 2,450 94
Breckinridge Bullitt	4,160 90	3,570 85 4,130 90	Acadia 11,880 86 Allen 4,450 81	12,750 92 4,960 90	Montgomery 104,300 96	105,560 97	Shiawassee 15.520 95 Tuscola 11.550 94	15,400 94 11,730 95
Butler	1,970 79	2.170 87	Ascension 6,210 81	6,790 88	Prince Georges	·	Van Buren 14,870 95	14,710 94
Caldwell Calloway	3,180 76 5,750 86	3,680 88 6,340 95	Assumption 3,550 79 Avoyelles 8,670 83	3,680 82 9,390 89	107.040 96 Queen Annes 4.500 88	105,890 95 4,620 91	Washtenaw 46,240 91 Wayne 761,450 95	48,370 95 762,250 95
Campbell Carlisle	25,490 95 1,730 91	25,500 96 1,600 84	Beauregard 4,240 77	4,840 88	St. Marys 8,870 91	8,900 92	Wexford 5,120 93	5,280 96
Carroll	2,070 86	2,060 66	Bienville 3,560 79 Bossier 15,150 91	4,050 90 15.460 93	Somerset 4,550 80 Talbot 6,450 91	5,270 92 6,650 94	State total 2,232,260 95	2,254,620 96
Carter Casey	4,230 81 2,380 68	4.570 88 3.340 93	Caddo 63,750 91	65,260 93	Washington 26,110 92	27,090 95	MINNESOTA	
Christian	13,310 87	14,110 92	Calcasieu 40,080 92 Caldwell 1,800 78	40.070 92 1,850 81	Worcester 5,850 80	14.770 95 6,660 91		0.000.00
Clark Clay	5,430 82 2,660 60	6,220 94 3,980 91	Cameron 1,610 85 Catahoula 2,140 69	1,720 90 2,580 83	State total 890,840 95	895,980 96	Aitkin 3,430 90 Anoka 24,750 98	3,660 96 24,410 97
Clinton	1.550 71 2,070 80	2,060 94 2,240 86	Claiborne 4,040 78	4,640 89	MASSACHUSETTS		Becker 5.880 67	6,510 96 5,960 95
Crittenden Cumberland	1,360 68	1,840 92	Concordia 4,360 73 De Soto 5,240 78	5.160 86 6,050 90	Barnstable 22,900 94	23,280 95	Benton 4,220 92	4,480 97
Daviess Edmonson	19,170 90 1,490 71	19,600 92 1,900 90	East Baton Rouge		Berkshire 41,740 94	43,020 97	Big Stone 2,360 91 Blue Earth 12,060 92	2.520 97 12,770 98
Elliott	1,270 85	1,230 82	61,840 92 East Carroll 2,470 70	63.500 95 2,860 82	Bristol 122,150 96 Dukes 1,700 85	121,290 96 1,910 96	Brown 7,200 89	7,950 98
Estill Fayette	1,940 57 36,240 89	3,120 92 38,670 95	East Feliciana 2.600 72	2,960 82	Essex 173,480 96 Franklin 15,410 90	173,640 96 16,510 96	Carlton 7,440 94 Carver 5,920 96	7,590 96 5,910 95
Fleming	2,440 79	2,620 91	Evangeline 6 740 77	8.050 92			Cass 3,600 72	
Floyd Franklin	7,190 81	7 010 00			Hampden 128,560 95	129,900 96		4,610 92
E-14am	8,050 88	7,910 89 8,560 94	Franklin 5,280 82 Grant 3,080 79	5 610 88	Hampden 128,560 95 Hampshire 26,720 92	27,920 97 358,920 97	Chinnews 4 220 86	4.860 99
Fulton Callatin	8.050 88 2,680 84 1.050 87	0 500 04	Franklin 5,280 82 Grant 3,080 79 Iberia 12,930 89	5 610 88	Hampden 128,560 95 Hampshire 26,720 92 Middlesex 353,690 96 Nantucket 1,060 89	27,920 97 358,920 97	Chinnews 4 220 86	4,860 99 3,990 97 11,040 98 2,330 93
Gallatin Garrard	8,050 88 2,680 84 1,050 87 2,260 78	0 500 04	Franklin 5,280 82 Grant 3,080 79 Iberia 12,930 89 Iberville 6,600 83	5,610 88 3,500 90 12,920 89 6,960 87 4,260 91	Hampden 128,560 95 Hampshire 26,720 92 Middlesex 353,690 96 Nantucket 1,060 89 Norfolk 150,330 97	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96	Chippewa 4,220 86 Chisago 3,770 92 Clay 10.830 96 Clearwater 1,840 74 Cook 850 85	4,860 99 3,990 97 11,040 98 2,330 93
Gallatin Garrard Grant	8,050 88 2,680 84 1,050 87 2,260 78 2,480 86 8,590 89	0 500 04	Franklin 5.280 82 Grant 3,080 79 Iberia 12,930 89 Iberville 6,600 83 Jackson 3.890 83 Jefferson 61,350 94		Hampden 128,560 95 Hampshire 26,720 92 Middlesex 353,690 96 Nantucket 1,060 89 Norfolk 150,330 97 Plymouth 75,740 96 Suffolk 221,360 92	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96	Chippewa 4,220 86 Chisago 3,770 92 Clay 10.830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94
Gallatin Garrard Grant Graves Grayson	8.050 88 2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76	0 500 04	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,800 83 Jackson 3.890 83 Jefferson 61,350 94 Jefferson Davis 7,220 85	5,610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90	Hampden 128,560 95 Hampshire 26,720 92 Middlesex 353,690 96 Nantucket 1,060 89 Norfolk 150,330 97	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 90 Dodge 3,500 90	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97
Gallatin Garrard Grant Graves Grayson Green	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 92 3,940 92 3,130 92 7,410 90	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,600 83 Jackson 3.890 83 Jefferson 61,350 94 Jefferson Davis 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91	5.610 88 3,500 90 12.920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87	Hampden 128,560 95 126,720 92 126,720 92 1060 88 1060 89	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 96 Douglas 5,630 88 Forbault 5,830 89	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 97 3,690 98
Gallatin Garrard Grant Graves Grayson Green	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84	Franklin 5.280 82 Grant 3.080 79 1beria 12.930 89 Iberville 6.600 83 Jackson 3.890 83 Jefferson 5.200 5.20	5.610 88 3,500 90 12.920 89 6,960 87 4.260 91 60,350 93 7,650 90 22,880 91 13.490 87 3.390 87	Hampden 128,560 95 Hampshire 2720 92 Middlesex Nantucket Norfolk 150,330 97 Plymouth 75,740 98 Suffolk 221,366 92 Worcester 188,610 95 State total 1,503,450 95	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 96 Douglas 5,630 88 Forbault 5,830 89	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,600 83 Jackson 3.890 83 Jefferson 61,350 94 Jefferson 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 10 10 10 10 10 10 10 1	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 90 22,880 91 13,490 87 3,390 87 6,670 90 6,870 89	Hampden 128,560 95 26,720 92 Middlesex 33,690 96 Nonfolk 150,330 97 Plymouth Suffolk Worcester 188,610 95 State total 1,503,450 95 MICHIGAN Alcona 1.620 85 Alger 2,230 89	27,920 97 358,920 97 1.180 99 152,141 98 76,090 96 230.540 96 171,510 97 1,527,850 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 96 Douglas 5,630 88 Forbault 5,830 89	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93	Franklin 5.280 82 Grant 3.080 79 Theria 12,930 89 Iberville 6.600 83 Jackson 3.890 83 Jackson 5.200 85 Lafayette 22.670 90 Lafourche 14,030 91 La Salle 3.100 80 Livingston 6.560 89 Livingston 6.320 82 Madison 3.090 72 79 79 79 79 79 79 79	5.610 88 3,500 90 12.920 89 6.960 87 4.260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,390 87 6.670 90 6.870 89 3,760 87	Hampden 128,560 95 Hampshire 26,720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,360 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95	27,920 97 358,920 97 1.180 99 152,141 98 76,090 96 230,540 96 171,510 97 1,527,850 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 96 Douglas 5,630 88 Forbault 5,830 89	4,860 99 3,990 97 11,040 98 2,330 90 4,700 98 9,350 94 23,040 97 3,690 97 6,270 98 6,880 97 11,210 96 9,860 96 2,480 99
Gallatin Garrard Grants Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93	Franklin 5.280 82	5.610 88 3,500 90 12,920 89 6,960 91 4,260 91 4,260 91 7,650 90 22,880 91 13,490 87 6,670 90 3,760 87 8,120 89 8,110 89	Hampden 128,560 95 Hampshire 2720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,360 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Alpena 6,950 89 Antrim 2,820 91	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 850 85 Cottonwood 7,50 78 Dakota 22,960 96 Dodge 3,500 98 Faribault 6,520 92 Freeborn 10,980 94 Goadhue 9,450 94 Grant 2,330 93 Hennepin 257,330 93 Houston 4,320 92	4.860 99 97 11,040 98 2,330 90 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,660 96 9,660 96 2,480 99 262,660 97 4,560 97
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberia 12,930 89 Iberville 6,600 83 Jackson 3.890 83 Jefferson 61,350 94 Jefferson 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6,320 82 Madison 3,090 72 Morehous 7,840 84 Natchitoches 6,590 72 Orleans 178,800 91 Ouachita 28,730 91	5.610 88 3,500 90 12,920 89 6,960 91 60,350 93 7,650 90 22,880 91 13,499 87 3,760 87 3,760 87 8,120 89 8,110 89 177,030 90 128,799 91	Hampden 128,560 95 Hampshire 2720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,366 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 16,380 95 Allegan 16,380 95 Allegan 2,840 91 Arenac 2,840 91 Baraga 1,890 90	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1.720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96	Chippewa	4,860 99 7 11,040 98 2,330 93 990 97 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 4,790 96
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93	Franklin 5.280 82	5.610 88 3,500 90 12,920 89 6,960 91 4,260 91 4,260 91 7,650 90 22,880 91 13,490 87 6,670 90 3,760 87 8,120 89 8,110 89	Hampden 128,560 95 Hampshire 2720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,366 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 16,380 95 Allegan 16,380 95 Allegan 2,840 91 Arenac 2,840 91 Baraga 1,890 90	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1.720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96	Chippewa	4,860 99 97 11,040 98 2,330 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,660 97 4,560 97 4,560 97 2,790 96 3,470 96 10,210 92
Gallatin Garrard Grants Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Henderson Henny Hickman Hopkins Jackson Jefferson	2,680 84 1,050 87 2,260 78 2,480 89 3,270 76 2,600 77 7,350 90 1,280 80 13,370 91 8,710 78 3,710 86 3,330 83 9,240 88 1,650 87 10,270 83 1,230 49 178,880 94	8,560 94 2,880 90 1,080 90 2,750 95 2,670 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,800 83 Jackson 3.890 83 Jefferson 61.350 94 Jefferson Davis 7,220 85 Lafayette 22.670 90 Lafourche 14.030 91 La Salle 3.100 80 Livingston 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 7.640 84 Natchitoches 6.590 72 Orleans 178.800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,760 87 6,670 89 3,760 87 8,110 89 8,110 89 17,7030 90 28,790 91 5,520 88	Hampden 128,560 95 Hampshire 2720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,366 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 16,380 95 Alpena 6,950 83 Antrim 2,820 91 Arenac 2,840 91 Baraga 1,890 90 Barry 8,760 94 Bay 30,150 95 Benzie 2,130 89	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1.720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91	Chippewa	4,860 99 31,990 97 11,040 98 2,330 93 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 4,560 97 2,790 96 3,470 96 10,210 99 4,420 98
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson Henry Hickman Hopkins Jackson Jefferson Jessamine	2,680 84 1,050 87 2,260 78 2,480 89 3,270 76 2,600 77 7,350 90 1,280 80 13,370 91 8,710 78 3,710 86 3,330 83 9,240 88 2,880 85 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,830 80	8,569 94 1,080 90 1,080 90 2,750 95 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 1,220 91 1,250 93 178,400 94 3,550 93 4,370 91	Franklin 5.280 82	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 12,880 91 13,490 87 3,390 87 6,670 90 6,870 89 3,760 87 8,120 89 8,110 89 177,030 90 28,790 91 5,520 88 4,860 87 28,470 90	Hampden 128,560 95 Hampshire 2720 92 Middlesex 353,690 96 Norfolk 1,060 89 Plymouth 75,740 96 Suffolk 221,366 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 16,380 95 Alpena 6,950 83 Antrim 2,820 91 Arenac 2,840 91 Baraga 1,890 90 Barry 8,760 94 Bay 30,150 95 Benzie 2,130 89	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1.720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91	Chippewa	4,860 99 7 11,040 98 2,330 93 990 97 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 4,560 97 4,560 97 4,560 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,520 97 8,350 98
Gallatin Garrard Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,370 91 8,710 78 3,710 86 3,370 91 8,710 78 8,710 78 1,650 87 1,650 87 1,650 87 1,230 49 10,270 83 1,230 49 12,870 78 3,830 80 3,330 83 5,800 95	8,560 94 2,860 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 4,370 91 3,550 93 4,370 91 3,560 95	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6.600 83 Jackson 3.890 83 Jefferson 61,350 94 Jefferson 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 7.840 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81	5.610 88 3,500 90 12,920 89 6,960 91 6,960 91 60,350 93 7,650 90 22,880 91 13,490 87 3,390 87 6,670 90 6,870 89 3,760 87 8,120 89 177,030 90 28,799 91 5,520 88 4,860 87 28,470 90 2,266 87 5,130 87	Hampden 128,560 95 Middlesex Nantucket Nantuck	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97 1.720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 3,750 78 Cottonwood 3,750 78 Crow Wing 8,640 87 Dakota 22,960 96 Douglas 5,630 88 Faribault 6,520 92 Fillmore 6,350 92 Freeborn 10,980 94 Goodhue 9,450 94 Grant 2,330 93 Hennepin 257,330 95 Houstor 4,000 91 Isasti 3,270 91 Itasca 9,60 90 Jackson 4,000 80 Kanabec 2,310 89 Kandiyohi 7,440 88 Kittson 7,360 78	4,860 99 7 11,040 98 2,330 93 990 97 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 4,560 97 4,560 97 4,560 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,520 97 8,350 98
Gallatin Garrard Grants Graves Grayson Green Greenup Hancock Hardin Harlian Harrison Henderson Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knott	2,680 84 1,050 87 2,260 78 2,480 89 3,270 76 2,600 77 7,350 90 1,280 80 13,370 91 8,710 78 3,710 86 3,710 86 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 2,110 59	8,560 94 2,880 90 1,080 90 2,750 95 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 35,610 95 3,900 86 5,390 93	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.390 72 Morehouse 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,760 87 8,110 89 17,030 89 17,030 89 17,030 89 17,030 89 17,030 89 22,870 91 5,520 88 4,860 87 28,470 90 2,260 87 5,1500 89	Hampden 128,560 95 Middlesex Nantucket Nantuck	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,870 94	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater Cook 550 85 Cottonwood Crow Wing 8,440 87 Dakota 22,960 96 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 95 Houston 4,320 92 Hubbard 2,060 71 Isaatti 3,270 91 Itasca 9,960 90 Jackson 4,000 89 Kandiyohi 7,440 88 Kittson 1,800 78 Koochiching 3,960 78 Lac Qui Parle	4,860 99 3,990 97 11,040 98 2,330 93 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 4,560 97 4,560 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,520 97 8,350 98 4,910 96
Gallatin Garrard Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knott Knox Larue	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,370 91 8,710 78 3,710 86 3,330 83 9,240 88 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,830 80 5,160 95 2,110 59 4,040 70 2,550 85	8,560 94 2,860 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 4,370 91 2,330 93 4,370 91 35,610 95 3,090 86 5,390 96 5,390 96	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberia 13,900 83 Jefferson 61,350 94 Jefferson 7.220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Madison 3.090 72 Morehouse 7.840 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,830 99 Plaquemines 5,830 90 Red River 1,930 74 Richland 4.800 81 Sabine 3.440 69 St. Bernard 9,070 97 St. Charles 5,320 90	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,760 87 8,110 89 17,030 89 17,030 89 17,030 89 17,030 89 17,030 89 22,870 91 5,520 88 4,860 87 28,470 90 2,260 87 5,1500 89	Hampden 128,560 95 Middlesex Nantucket Nantuck	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,870 94	Chippewa	4,860 99 7 11,040 98 2,330 93 990 97 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 6,660 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 4,560 97 4,560 97 4,560 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,520 97 8,350 98
Gallatin Garrard Grants Graves Grayson Green Greenup Hancock Hardin Harlian Harrison Henderson Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knott Knox Larue Laurel Lawrence	2,680 84 1,050 87 2,260 78 2,480 89 3,270 76 2,600 77 7,350 90 1,280 80 1,370 91 8,710 78 3,710 86 3,370 91 8,710 78 8,710 78 10,270 83 1,230 49 10,270 83 1,230 49 178,880 94 2,870 76 3,830 80 3,5900 95 2,110 59 4,040 70 2,550 85	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 95 3,090 86 5,390 93 5,730 91 5,860 95	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,800 83 Jackson 3.890 83 Jackson 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 7,640 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. Charles 5,320 90 St. Helena 1,570 71 St. James 3,650 85	5.610 88 3,500 90 12,920 89 6,960 91 6,960 91 60,350 93 7,650 90 22,880 91 13,490 87 3,390 87 6,670 90 6,870 89 3,760 87 8,120 89 177,030 90 28,799 91 5,520 88 4,860 87 28,470 90 2,266 87 5,130 87	Hampden 128,560 95 Middlesex Nantucket Nantucket Nantucket Noffolk 50,330 97 Plymouth 75,740 96 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Algera 2,230 89 Algera 6,950 83 Algera 2,230 89 Algera 6,950 83 Antrim 2,820 91 Arenac 2,840 91 Baraga 1,890 90 Barry 8,760 94 Bay 30,150 95 Benzie 2,130 89 Berrien 44,290 93 Branch 9,680 94 Calhoun 41,230 95 Cass 10,660 94 Charlevoix 3,570 85 Clare 3,420 90	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,740 88 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,630 96 9,450 96	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 78 Cook 5,630 88 Cottonwood 22,960 96 Dodge 3,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 93 Hennepin 4,320 92 Hubbard 2,060 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabychi 1,440 88 Kittson 1,880 78 Koochiching 3,960 78 Lac Qui Parle 3,550 89 Lake 4,210 96	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,666 96 2,480 99 262,660 97 2,790 96 10,210 92 4,420 98 2,520 97 8,350 98 4,910 96 3,940 99 4,270 95
Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knox Larue Laurel Lawrence	2,680 84 1,050 87 2,260 78 2,480 89 3,270 76 2,600 77 7,350 90 1,280 88 3,710 88 3,710 88 3,710 86 3,330 83 9,240 88 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,833 80 35,900 95 2,110 59 4,040 70 2,550 85 4,520 71 8,880 52 910 46	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 95 3,090 86 5,390 93 5,730 91 5,860 95	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberia 7,220 85 Lafayette 22.670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. James 3,650 85 St. James 3,650 85 St. John the Bapt.	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,390 87 6,670 90 6,870 89 3,760 87 8,120 89 8,110 89 177,030 90 28,790 91 5,520 88 4,860 94 4,500 90 6,800 94 5,520 94 1,850 84 3,780 88	Hampden Hampshire Middlesex Nantucket Norfolk Norfolk Suffolk Worcester State total Alcona Alcona Alger Alpena Antrim Arimagan Antrim Baraga Bary Baraga Bary Berrien Bay Berrien Calhoun Calhoun Calhoun Cass Charlevoix Cheboygan Chippewa Clare Clinton Middlesex A5,690 96 1,060 99 1,060 99 1,060 99 1,060 99 1,060 99 1,060 99 1,060 99 1,060 99 1,030 99 90 1,030 99 90 1,030 99 90 1,030 99 90 90 90 90 90 90 90 90 90 90 90 90	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8.190 98 2,740 88 2,600 90 2,020 96 8.830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,870 94 4,030 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 550 85 Cottonwood 7,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 95 Houston 4,320 92 Hubbard 2,060 71 Isanti 3,270 91 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 4,210 92 Lake 4,210 95 Lake 4,210 95 Le Sueur 5,620 92	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 2,480 99 262,680 97 2,790 96 10,210 92 4,420 98 2,520 97 8,350 98 4,910 96 3,940 99 4,270 95 1,280 98 5,920 97
Gallatin Garrard Graves Grayson Green Greenup Hancock Hardin Harlan Harrison Hart Henderson Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Kenton Knott Knox Larue Laurel Lawrence Lee Leslie Letcher	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,710 86 3,370 81 8,710 78 3,710 86 3,330 83 9,240 88 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,830 80 3,5900 95 2,110 59 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 70	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 95 3,090 86 5,390 93 5,730 91 5,860 95	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Ideria 13,900 83 Jefferson 61,350 94 Jefferson Davis 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3.100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.320 82 Madison 3.090 72 Morehouse 7,840 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. Helena 1,570 71 St. James 3,650 85 St. John the Bapt. 3,980 85 St. Landry 16,880 80	5.610 88 3,500 90 12,920 89 6,960 91 60,350 93 7,650 90 22,880 91 13,499 87 3,390 87 6,670 90 28,790 91 5,520 88 4,860 87 28,470 90 2,260 87 5,130 87 4,500 90 4,1850 89 3,768 87 28,470 90 2,260 87 5,130 87 4,500 90 4,1850 84 3,780 88	Hampden 128,560 95 Middlesex Nantucket Norfolk 1,060 89 Norfolk 21,360 95 Norfolk 221,360 95 Norfolk No	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8.190 98 2,740 88 2,600 90 2,020 96 8.830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,870 94 4,030 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 550 85 Cottonwood 22,960 96 Dodge 3,500 98 Faribault 6,520 92 Freeborn 10,980 94 Goodhue 9,450 94 Grant 2,330 93 Hennepin 257,330 95 Hennepin 257,330 95 Houston 4,320 92 Hubbard 2,060 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 3,500 98 Kanabec 1,360 99 Lac Qui Parle 3,550 89 Lake 4,210 94 Lake of the Wood 890 53 Le Sueur 5,620 98 Elincoln 2,500 89	4,860 99 3,990 97 11,040 98 2,330 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,660 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,5520 97 8,350 98 4,910 96 3,940 99 4,270 95 1,280 99 4,270 95
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henderson Henderson Henty Hickman Hopkins Jackson Jefferson Jefferson Jessamine Johnson Kenton Knott Knox Larue Laurel Lawrence Lee Leslie Letcher Levis	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,710 78 3,710 78 3,710 78 3,710 78 3,710 78 3,710 78 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 76	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 94 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 92 1,810 95 3,730 91 5,860 92 1,810 90 3,210 92	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.320 82 Madison 3.090 72 Morehouse 7.840 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. Landry 5,320 90 St. James 3,650 85 St. John the Bapt 3,980 85 St. Landry 5,270 80 St. Martin 6,270 80	5.610 88 3,500 90 12,920 89 6,960 91 60,350 93 7,650 90 22,880 91 13,499 87 3,390 87 6,670 90 28,790 91 5,520 88 4,860 87 28,470 90 2,260 87 5,130 87 4,500 90 4,1850 89 3,768 87 28,470 90 2,260 87 5,130 87 4,500 90 4,1850 84 3,780 88	Hampden 128,560 95 Middlesex Nantucket Norfolk 1,060 89 Norfolk 21,360 95 Norfolk 221,360 95 Norfolk No	27,920 97 358,920 97 1.180 99 152,140 98 76,090 96 230.540 96 171,510 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8.190 98 2,740 88 2,600 90 2,020 96 8.830 95 30,300 96 2,180 91 44,980 95 9,750 95 41,210 95 10,690 94 3,870 94 4,030 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 95 9,450 96 3,630 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 50 50 50 Cottonwood 7,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 93 Hennepin 257,330 93 Hennepin 4,320 92 Hubbard 2,060 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanadiyohi Kittson 1,880 78 Koochiching 3,960 78 Lac Qui Parle Lake 4,210 96 Le Sueur 5,520 92 Lyon 5,590 89 Lyon 5,590 89 Lyon 5,590 89 Lyon 5,590 89 Lec Sueur 5,520 92 Lec Sueur 5,520 92 Lyon 5,590 89 Lyon 5,590 89 Lyon 5,590 89 McLecod 6,920 94	4.860 99 3.990 97 11,040 98 2.330 93 4,700 98 9.350 94 23.040 97 3.690 95 6.270 98 6.880 97 11,210 98 6.860 97 11,210 92 4.420 97 2.790 96 10,210 92 4.420 98 2.520 97 8,350 98 2.350 98 4,910 96 3,940 99 4,270 95 1.280 98 5,920 97 2,720 97 6.450 99 7,250 97
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henderson Henderson Henderson Jessamine Johnson Kenton Kenton Knox Larue Laurel Lawrence Lee Leslie Letcher Letcher Letcher Letingoln	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 3,710 78 3,710 78 3,710 78 3,710 78 3,710 78 3,230 83 9,240 88 51,650 87 1,230 49 178,880 94 2,870 76 3,830 80 35,900 95 4,040 70 2,550 85 4,040 70 2,550 85 4,590 71 2,520 84 4,590 70 2,660 78 3,220 73 1,860 85	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 94 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 92 1,810 95 3,730 91 5,860 92 1,810 90 3,210 92	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22.670 90 Lafourche 14,030 91 Lafayette 22.670 90 Lafourche 1,030 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.590 72 Orleans 178.800 91 Ouachita 28,730 91 Plaquemines 5,830 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4.800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. James 3,650 85 St. James 3,650 85 St. Landry 16,380 80 St. Landry 16,380 80 St. Martin 6,270 86 St. Martin 6,270 86 St. Martin 6,270 86 St. Martin 12,400 89 St. Tammany	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,390 87 6,670 90 6,870 89 3,760 87 8,120 89 8,110 89 177,030 90 28,790 91 5,520 88 4,860 87 5,130 87 5,130 87 4,500 90 6,800 94 4,505 99 4,1850 84 3,780 88 4,180 89 17,750 87 6,200 85 12,110 87	Hampden 128,560 95 Middlesex Nantucket Nantucket Nantucket Noffolk 50,330 97 Noffolk 221,360 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Algera 6,950 83 Antrim 2,820 91 Baraga 1,890 90 Barry 8,760 94 Bay 30,150 95 Benzie 2,130 89 Benzie 44,290 93 Branch 2,840 91 Barach 2,840 91 Baraga 1,890 90 Barry 8,760 94 Bay 30,150 95 Benzie 2,130 89 Benzie 2,130 80 Calmoun 41,230 95 Charlevoix Cheboygan 5,760 95 Chippewa 2,420 90 Clinton 10,620 96 Crawford 1,310 87 Chebusyand 1,310 87 Chippewa 1,320 90 Chippewa 1,320 90	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,527,850 97 1,527,850 98 2,740 88 2,600 90 2,020 96 8,190 98 2,740 88 2,600 90 2,020 96 8,190 98 2,740 89 2,180 91 44,980 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 10,660 94 3,870 94 4,030 96 9,450 96 3,630 95 10,760 97 1,370 92 10,000 98 7,380 97 1,380 97 14,310 95 4,640 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 550 85 Cottonwood 7,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 95 Houston 4,320 92 Hubbard 2,060 71 Isanti 3,270 91 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 3,550 89 Kanabec 4,210 94 Lake 4,210 94 Lake 6 the Wood 5,620 92 Lincoln 2,500 89 Lyon 5,590 86 McLeod 6,920 94 Mahnoman 1,380 86 Marshall 1,380 86	4,860 99 3,990 97 11,040 98 2,330 93 900 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 2,480 99 262,660 97 2,790 96 10,210 92 4,420 98 2,520 97 8,350 98 4,910 96 3,940 99 4,270 95 1,280 98 1,520 97 2,720 97 6,456 99 7,250 98 1,520 97 2,720 97 6,450 99 7,250 98 1,520 98
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henderson Henderson Henderson Jessamine Johnson Kenton Kenton Knox Larue Laurel Lawrence Lee Leslie Letcher Letcher Letcher Letingoln	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 3,710 78 3,710 78 3,710 78 3,710 78 3,710 78 3,230 83 9,240 88 51,650 87 1,230 49 178,880 94 2,870 76 3,830 80 35,900 95 4,040 70 2,550 85 4,040 70 2,550 85 4,590 71 2,520 84 4,590 70 2,660 78 3,220 73 1,860 85	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 94 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 92 1,810 95 3,730 91 5,860 92 1,810 90 3,210 92	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Iberville 6,600 83 Jackson 3.890 83 Jackson 7,220 85 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 7,840 84 Natchitoches 6.590 72 Orleans 178,800 91 Ouachita 28,730 91 Plaquemines 5,830 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Rapides 28,650 90 Red River 1,930 74 Richland 4,800 81 Sabine 3,440 69 St. James 3,650 85 St. Landry 16,380 80 St. James 3,980 85 St. Landry 16,380 80 St. Mary 12,400 89 St. Tammany 10,230 69	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 87 13,490 87 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 8,110 89 177,030 90 6,870 90 6,870 90 6,870 90 6,800 94 5,520 94 1,1850 84 3,780 88 4,180 89 17,750 87 6,200 85 12,110 87	Hampden 128,560 95 Mampshire 220 92 Middlesex Nantucket Nantucket Nantucket Norfolk 1,060 89 N	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 10,760 97 1,370 92 10,000 98 7,380 97 14,310 95 4,640 97 10,750 95	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 50 850 85 Cottonwood 22,960 96 Dodge 3,500 98 Faribault 6,520 92 Freeborn 10,980 94 Goodhue 9,450 94 Grant 2,330 93 Hennepin 257,330 95 Hennepin 257,330 95 Houston 4,320 92 Hubbard 2,060 71 Isanti 3,270 91 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 1,310 89 Kanabec 2,310 89 Kanabec 1,310 89 Kanabec 2,310 89 Kanabec 1,310 89 Kanabec 1,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanabec 1,310 89 Kanabec 3,550 89 Lake 4,210 94 Lake of the Wood 890 53 Le Sueur 5,620 99 Lyon 5,590 86 McLeod 8,920 94 Mahnoman 1,380 86 Marshall 3,350 89 Marshall 3,350 89 Marshall 3,350 89 Marshall 7,580 91	4,860 99 3,990 97 11,040 98 2,330 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 2,790 96 10,210 92 4,420 98 2,520 97 8,350 98 2,350 98 4,910 96 3,940 99 4,270 95 1,280 98 5,920 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 98 1,520 98 1,520 98 1,520 98 1,520 98 1,520 99
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harrison Herlan Henderson Henderson Henderson Jefferson Jefferson Jefferson Jefferson Logan Lawrence Lee Leslie Letcher Lewis Lincoln Livingston Logan Lyon McCracken	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,370 91 8,710 78 3,710 86 3,710 86 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 4,040 70 2,550 85 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 70 2,550 85 1,190 79 1,2860 76 3,220 73 1,860 85 1,190 79 1,7350 91	8,560 94 2,880 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 94 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 4,370 91 5,860 92 1,810 95 3,730 91 5,860 92 1,810 90 3,210 92	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.320 82 Madison 3.090 72 Morehouse 7.840 84 Natchitoches 6.590 72 Orleans 178.800 91 Ouachita 28,730 91 Plaquemines 5,630 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4.800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. James 3,650 85 St. James 3,650 85 St. Janthe Bapt 3,980 85 St. Landry 12,400 89 St. Tammany 10,230 69 Tangipahoa 14,000 84 Tensas 2,000 69	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 87 13,490 87 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 8,110 89 177,030 90 6,870 90 6,870 90 6,870 90 6,800 94 5,520 94 1,850 84 3,780 88 4,180 89 17,750 87 6,200 85 12,110 87	Hampden 128,560 95 Mampshire 220 92 Middlesex Nantucket Norfolk 1,060 89 Norfolk 221,366 92 Worcester 168,610 95 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 16,380 95 Alpena 6,950 89 Antrim 2,820 91 Arenac 2,840 91 Arenac 2,840 91 Barraga 1,890 90 Barry 8,760 94 Alger 2,130 89 Berzie 2,130 89 Berzie 2,130 89 Berzie 2,130 89 Berzien 4,290 93 Calhoun 41,230 95 Cass 10,660 94 Calhoun 10,620 96 Crawford 1,310 87 Delta 1,310 87 Eaton 2,990 91 1,290 95 Emmet 4,200 87 Canesee 108,070 96 Gladwin 2,990 91 1,300 96 Gladwin 2,990 91 1,300 96 Gladwin 2,990 91 1,300 96	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,527,850 97 1,527,850 98 2,740 88 2,600 90 2,020 96 8,190 98 2,740 88 2,600 90 2,020 96 8,190 98 2,740 89 2,180 91 44,980 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 10,660 94 3,870 94 4,030 96 9,450 96 3,630 95 10,760 97 1,370 92 10,000 98 7,380 97 1,380 97 14,310 95 4,640 97	Chippewa 4,220 86 Chisago 3,770 92 Clay 10,830 96 Clearwater 1,840 74 Cook 550 85 Cottonwood 7,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 93 Hennepin 257,330 93 Hennepin 257,330 93 Hennepin 257,330 93 Kanabec 4,320 92 Hubbard 10,600 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanadiyohi 7,440 88 Kittson 1,880 78 Kaochiching 3,960 78 Lac Qui Parle Lake 4,210 96 Lake 4,210 96 Lake 4,210 96 Lake 5620 92 Lake 5620 92 Lake 5620 92 Lake 6,920 94 Mahnoman 1,380 86 Martin 7,580 91 Meeker 5,060 99 Marshall 3,350 89 Mille Lacs 3,850 89	4.860 99 3.990 97 11,040 98 2.330 93 4,700 98 9.350 94 23.040 97 3.690 95 6.270 98 6.860 97 11,210 96 9.866 96 2.480 99 262,860 97 2.790 96 10,210 92 4.420 98 2.520 97 8.350 98 4.310 96 3.940 99 4.270 95 1.280 98 5.920 97 2.720 97 6.450 99 7.250 98 1.520 97 6.450 99 4.270 95
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knox Larue Laurel Lawrence Lee Leslie Letcher Lewis Lincoln Livingston Logan Lyon McCracken McCracken McCracken McCracken	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,370 91 8,710 78 3,710 86 3,710 86 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 4,040 70 2,550 85 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 70 2,550 85 1,190 79 1,2860 76 3,220 73 1,860 85 1,190 79 1,7350 91	8,569 90 1,080 90 1,080 90 2,750 92 8,770 90 8,770 90 3,130 92 7,410 90 1,340 84 13,700 93 1,340 84 13,700 93 1,4120 96 3,740 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 1,740 92 11,230 93 178,400 94 3,550 93 1,740 92 1,140 94 1,560 95 1,560 95 1,560 95 1,560 92 1,560 92 1,140 94 1,570 99 1,770 90 1,770 90 2,190 88 1,770 90 2,190 88	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22.670 90 Lafourche 14,030 91 La Salle 3.100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.320 82 Madison 3.090 72 Morehouse 6.320 82 Marchitoches 6.590 72 Orleans 178.800 91 Ouachita 28,730 91 Plaquemines 5,830 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4.800 81 Sabine 3,440 69 St. Bernard 9,070 97 St. James 3,650 85 St. Jahr 18 18 St. James 3,650 85 St. Landry 16,380 80 St. Martin 6,270 86 St. Martin 6,270 86 St. Martin 6,270 86 St. Martin 10,230 69 Tangipahoa 14,000 84 Tensas 2,000 69 Terrebonne 14,680 90 Union 4,120 86	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 87 13,490 87 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 8,110 89 177,030 90 6,870 90 6,870 90 6,870 90 6,800 94 5,520 94 1,850 84 3,780 88 4,180 89 17,750 87 6,200 85 12,110 87	Hampden 128,560 95 Middlesex Nantucket Nantuck	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 2,180 91 44,980 95 44,980 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 10,760 97 1,370 92 10,000 98 7,380 97 1,370 92 10,000 98 7,380 97 1,310 95 3,130 95 7,630 98 9,050 94	Chippewa 4,220 86 Chisago 3,770 92 Clay 1,830 96 Clearwater Cook 550 85 85 85 Cottonwood 7,840 87 Dakota 22,960 96 Dodge 3,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 93 Hennepin 4,320 92 Hubbard 2,060 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanadiyohi 4,40 88 Kittson 1,880 78 Kacqui Parle 3,550 89 Lake 4,210 94 Lake 4,210 96 Lake 6 the Wood 890 78 Lac Qui Parle 2,500 89 Lyon 5,590 89 Lyon 5,590 89 McLeod 6,920 94 Mahnoman 1,380 86 Martin 7,580 91 Meeker 5,060 90 Marshall 3,350 86 Martin 7,580 91 Meeker 5,060 90 Mille Lacs 8,850 89 Morrison 6,040 89 Momower 13,500 95	4.860 99 3.990 97 11,040 98 2,330 90 4,700 98 9,350 94 23.040 97 3,690 97 6,660 97 11,210 96 9,860 97 4,560 97 4,560 97 4,560 97 4,560 97 2,790 96 3,470 98 2,520 97 8,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 2,350 98 3,940 99 4,270 95 1,280 98 5,920 97 2,720 97 6,450 99 7,250 98 8,220 99 7,250 98 8,220 99 7,250 98 8,220 99 7,250 98 4,140 98 4,140 98 4,140 98 4,140 98 6,860 97
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henderson Henry Hickman Hopkins Jackson Jessamine Johnson Kenton Kenton Knott Knox Larue Laurel Lawrence Lee Letcher	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,710 78 3,710 83 3,710 83 3,710 86 1,650 87 10,270 83 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 70 2,550 85 1,190 79 1,1600 64 2,370 85 1,190 79 1,7350 91 1,600 64 2,370 85	8,560 90 1,080 90 1,080 90 2,750 92 8,770 90 3,940 92 3,130 92 7,410 90 1,340 84 13,700 93 10,180 91 4,120 96 3,740 94 9,400 90 3,220 95 1,740 92 11,220 91 2,330 93 1,730 91 3,5610 95 3,900 86 5,390 93 2,730 91 5,860 92 2,560 65 1,560 92 1,810 90 5,870 89 3,200 92 4,140 94 1,890 86 5,440 89 1,300 87 17,270 90 2,190 88 2,490 89 1,300 87	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22,670 90 Lafourche 14,030 91 La Salle 3,100 80 Livingston 6,320 82 Madison 3.090 72 Morehouse 6,560 82 Madison 3.090 72 Morehouse 178,800 91 Ouachita 28,730 91 Plaquemines 5,830 91 Ouachita 28,730 91 Plaquemines 5,830 91 St. Bernard 4,800 81 Sabine 3,440 69 St. James 3,650 85 St. Landry 16,380 80 St. Martin 6,270 86 St. Martin 6,270 86 Tammany 10,230 69 Tangipahoa 14,000 84 Tensas 2,000 69 Terrebonne 14,680 90 Union 4,120 86 Vermillion 10,990 89	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 91 13,490 87 3,760 87 3,760 87 8,110 89 177,030 90 8,110 89 177,030 90 8,110 89 177,030 90 6,870 90 6,	Hampden 128,560 95 Mampshire 220 92 Middlesex Nantucket Nantucket Norfolk 50,330 97 Plymouth 75,740 98 State total 1,503,450 95 MICHIGAN Alcona 1,620 85 Alger 2,230 89 Allegan 16,380 95 Allegan 18,380 95 Allegan 18,300	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 30,300 96 2,180 91 44,980 95 9,750 95 11,210 95 10,760 97 1,370 92 10,000 98 7,380 97 14,310 95 10,760 97 1,370 92 10,000 98 7,380 97 14,310 95 7,630 98 9,050 94 10,130 95	Chippewa 4,220 86 Chisago 3,770 92 Clay 1,830 96 Clearwater Cook 550 85 85 85 Cottonwood 7,840 87 Dakota 22,960 96 Dodge 3,500 90 Douglas 5,630 88 Faribault 6,520 92 Freeborn 10,980 94 Grant 2,330 93 Hennepin 257,330 93 Hennepin 4,320 92 Hubbard 2,060 71 Itasca 9,960 90 Jackson 4,000 89 Kanabec 2,310 89 Kanabec 2,310 89 Kanadiyohi 4,40 88 Kittson 1,880 78 Kacqui Parle 3,550 89 Lake 4,210 94 Lake 4,210 96 Lake 6 the Wood 890 78 Lac Qui Parle 2,500 89 Lyon 5,590 89 Lyon 5,590 89 McLeod 6,920 94 Mahnoman 1,380 86 Martin 7,580 91 Meeker 5,060 90 Marshall 3,350 86 Martin 7,580 91 Meeker 5,060 90 Mille Lacs 8,850 89 Morrison 6,040 89 Momower 13,500 95	4,860 99 3,990 97 11,040 98 2,330 90 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,860 96 2,480 99 262,660 97 4,560 97 2,790 96 3,470 96 10,210 92 4,420 98 2,5520 97 8,350 98 4,910 96 3,940 99 4,270 95 1,280 98 5,920 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 98 1,520 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 97 6,450 99 7,250 98 1,520 97 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98 1,530 98
Gallatin Garrard Grant Graves Grayson Green Green Greenup Hancock Hardin Harlan Harrison Henry Hickman Hopkins Jackson Jefferson Jessamine Johnson Kenton Knox Larue Laurel Lawrence Lee Leslie Letcher Lewis Lincoln Livingston Logan Lyon McCracken McCracken McCracken McCracken	2,680 84 1,050 87 2,260 78 2,480 86 8,590 89 3,270 76 2,600 77 7,350 90 1,280 80 1,280 80 3,370 91 8,710 78 3,710 86 3,710 86 1,230 49 178,880 94 2,870 78 3,830 80 35,900 95 4,040 70 2,550 85 4,040 70 2,550 85 4,520 71 2,520 84 880 52 910 46 4,590 70 2,550 85 1,190 79 1,2860 76 3,220 73 1,860 85 1,190 79 1,7350 91	8,569 90 1,080 90 1,080 90 2,750 92 8,770 90 8,770 90 3,130 92 7,410 90 1,340 84 13,700 93 1,340 84 13,700 93 1,4120 96 3,740 90 3,220 95 1,740 92 11,220 91 2,330 93 178,400 94 3,550 93 1,740 92 11,230 93 178,400 94 3,550 93 1,740 92 1,140 94 1,560 95 1,560 95 1,560 95 1,560 92 1,560 92 1,140 94 1,570 99 1,770 90 1,770 90 2,190 88 1,770 90 2,190 88	Franklin 5.280 82 Grant 3.080 79 Iberia 12,930 89 Jackson 3.890 83 Lafayette 22.670 90 Lafourche 14,030 91 La Salle 3.100 80 Lincoln 6.560 89 Livingston 6.320 82 Madison 3.090 72 Morehouse 6.590 72 Orleans 178.800 91 Ouachita 28,730 91 Ouachita 28,730 91 Ouachita 28,730 91 Plaquemines 5,830 89 Pointe Coupee 4,420 79 Rapides 28,650 90 Red River 1,930 74 Richland 4.800 81 Sabine 3.440 69 St. Bernard 9,070 97 St. James 3,650 85 St. Landry 16,380 80 St. James 3,650 85 St. Landry 16,380 80 St. Martin 6.270 86 St. Martin 6.270	5.610 88 3,500 90 12,920 89 6,960 87 4,260 91 60,350 93 7,650 90 22,880 87 13,490 87 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 3,760 89 8,110 89 177,030 90 6,870 90 6,870 90 6,870 90 6,800 94 5,520 94 1,850 84 3,780 88 4,180 89 17,750 87 6,200 85 12,110 87	Hampden 128,560 95 Middlesex Nantucket Nantuck	27,920 97 358,920 97 1,180 99 152,140 98 76,090 96 230,540 96 171,510 97 1,527,850 97 1,527,850 97 1,527,850 97 1,720 90 2,340 94 16,660 96 8,190 98 2,740 88 2,600 90 2,020 96 8,830 95 2,180 91 44,980 95 44,980 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 41,210 95 10,760 97 1,370 92 10,000 98 7,380 97 1,370 92 10,000 98 7,380 97 1,310 95 3,130 95 7,630 98 9,050 94	Chippewa	4,860 99 3,990 97 11,040 98 2,330 93 4,700 98 9,350 94 23,040 97 3,690 95 6,270 98 6,880 97 11,210 96 9,666 96 2,480 99 262,660 97 4,560 97 2,790 96 10,210 92 4,420 98 2,520 97 8,350 98 4,910 96 3,940 99 4,270 95 1,280 98 5,920 97 6,550 98 1,520 97 7,250 98 1,520 97 7,250 98 1,520 99 7,250 98 1,520 99 7,250 98 1,520 99

NIELSEN RADIO-TV HO	MES continued (Minnesota)	TV Radio County Homes % Homes %	TV Radio County Homes % Homes %
TV Radio	TV Radio	Ripley 1,850 66 2,510 90 St. Charles 15,900 95 15,810 95	Dawes 2,470 82 2,850 95 Dawson 5,540 92 5,650 94
County Homes % Homes % Norman 2,930 86 3,290 97	County Homes % Homes % Tippah 3,220 82 3,340 86	St. Clair 2,410 83 2,700 93	Deuel 910 91 980 98
Olmsted 18,650 95 19,050 97	Tishomingo 2,880 74 3,440 88	St. Louis 449,370 96 443,730 95	Dodge 10.770 95 10,870 96
Otter Tail 12,400 87 13,860 98 Pennington 3,070 83 3,670 99	Tunica 2,410 67 3,090 86 Union 4,560 88 4,790 92	Ste. Genevieve 3,010 91 3,160 96	Douglas 107,220 95 106,090 94 Dundy 880 88 950 95
Pine 4.290 87 4.650 95 Pipestone 3.680 92 3.920 98	Walthall 2,240 70 2,740 86 Warren 10,150 80 11,190 88	Saline 7,090 90 7,640 97 Schuyler 1,410 83 1,610 95	Fillmore 2,870 93 2,960 96 Franklin 1,560 92 1,610 95
Polk 9,590 90 10,450 99 Pope 2,830 83 3,320 98	Washington 15,790 74 18,850 89	Scotland 2,010 91 2,100 95	Frontier 1,290 92 1,380 98
Ramsey 123,820 95 124,990 96	Webster 2,010 72 2,580 92	Shannon 1,240 62 1,840 92	Gage 7,540 92 7,960 97
Red Lake 1.330 88 1,460 97 Redwood 5.280 84 6,210 99	Wilkinson 1,920 60 2,760 86 Winston 3,380 73 4,290 93	Shelby 2,770 89 2,980 96 Stoddard 7,590 90 7,560 90	Garden 870 79 1,070 98 Garfield 680 85 780 97
Renville 5,920 87 6.720 99 Rice 9.310 93 9,770 98	Yalobusha 2,150 67 2,840 89 Yazoo 5,870 75 6,870 88	Stone 1,950 81 2,300 96 Sullivan 2,480 88 2,730 97	Gosper 750 94 790 98 Grant 220 75 260 87
Rock 3,050 95 3.160 99 Roseau 2,130 63 3.350 99	State total 448,440 78 509,860 89	Taney 3.040 89 3,220 95	Greeley 990 82 1,130 95 Hall 11,030 94 11,150 95
St. Louis 68.930 94 70.290 96 Scott 5.970 96 5.830 94	 Missouri	Vernon 5,550 87 6,120 96	Hamilton 2,530 94 2,630 98
Sherburne 3.150 93 3.260 96		Warren 2,460 88 2,700 97 Washington 3,440 86 3,560 89	Harlan 1,380 92 1,490 99 Hayes 540 90 580 97
Sibley 4.150 92 4.380 97 Stearns 18.330 92 19.580 98	Adair 6,070 91 6,360 95 Andrew 3,320 92 3,430 95	Wayne 2.120 82 2,370 91 Webster 3,610 86 3,760 90	Hitchcock 1,390 93 1,470 98 Holt 2,960 76 3,740 96
Steele 7.040 94 7.250 97 Stevens 2.890 90 3.140 98	Atchison 2,560 91 2,680 96 Audrain 7,950 92 8,140 95	Worth 1,120 94 1,170 97 Wright 3,490 79 4,100 93	Hooker 400 100 360 91 Howard 1,880 89 1,990 95
Swift 3,800 88 4,220 98 Todd 5,520 82 6,480 97	Barry 5,110 87 5,480 93 Barton 3,270 88 3,430 93	State total 1,289,640 92 1.314.070 94	Jefferson 3,260 91 3,370 94 Johnson 1,810 91 1,970 98
Traverse 2.090 91 2,260 98 Wabasha 4.620 92 4,760 95	Bates 4,760 87 5,240 95	MONTANA	Kearney 2,030 97 2,050 98
Wadena 2.760 77 3,450 96	Benton	Beaverhead 1,700 74 2,090 91	Keya Paha 450 89 500 100
Washington 14,700 96 14,670 96	Boone 15,080 91 15,840 96 Buchanan 27,040 93 26,920 92	Big Horn 1,920 77 2,350 94 Blaine 1,610 70 2,170 94	Kimball 2,500 96 2,530 97 Knox 3,080 81 3,670 97
Watonwan 3.800 88 4.270 99 Wilkin 2.810 94 2.940 98	Butler 9,060 84 9,640 89 Caldwell 2,870 92 2,960 96	Broadwater 630 79 760 95	Lancaster 48,670 95 49,240 96 Lincoln 8,290 92 8,640 96
Winona 10,820 90 11,630 97 Wright 7,990 92 8,430 97	Callaway 5,920 91 6,100 94	Carter 560 70 750 94	Logan 240 79 290 97 Loup 270 89 290 100
Yellow Medicine 3.530 78 4.190 93	Cape Girardeau	Cascade 22.660 93 23,470 96 Chouteau 1,950 89 2,170 99	McPherson 150 76 300 100
State total 950.290 92 994,890 97	12,320 92 12,580 94 Carroll 4,010 89 4,330 96	Custer 3,190 76 4,090 97 Daniels 910 82 1,050 95	Merrick 2,420 90 2,570 95
MISSISSIPPI	Carter 820 63 1,190 92 Cass 9,340 93 9,590 96	Dawson 3,210 84 3,720 98 Deer Lodge 4,660 91 4,860 95	Morrill 1,620 85 1,830 96 Nance 1,490 87 1,620 96
	Cedar 2,620 84 2,950 95 Chariton 3,340 83 3,740 93	Fallon 960 80 1,110 92	Nemaha 2,430 90 2,580 96 Nuckolls 2,210 88 2,470 99
Adams 8.160 77 9,040 85 Alcorn 5.680 79 6.760 94	Christian 3,590 90 3,720 93 Clark 2,500 89 2,630 94	Flathead 8,950 88 9,990 98	Otoe 4,850 93 4,980 96 Pawnee 1,360 85 1,590 99
Amite 2.380 68 3.060 87 Attala 3.700 70 4.600 87	Clay 29,140 96 29,550 97	Garfield 300 50 590 98	Perkins 1,260 97 1,280 99
Benton 1,350 75 1,640 91 Bolivar 7,910 62 11,260 89	Clinton 3,620 91 3,810 95 Cole 11,400 95 11,470 96	Glacier 2,570 80 2,950 92 Golden Valley 300 76 380 96	Pierce 2,360 91 2,550 98
Calhoun 3 110 76 3,890 95 Carroll 1.280 56 2,020 88	Cooper 4.330 90 4,570 95 Crawford 3,270 78 3,860 92	Granite 880 88 940 94 Hill 4,970 87 5,490 96	Platte 6,820 93 6,770 93 Polk 2,210 96 2,280 99
Chickasaw 3.220 75 3.970 92 Choctaw 1.400 66 1.930 92	Dade 2,140 89 2,210 92 Dallas 2,660 89 2,790 93	Jefferson 910 82 1,050 95 Judith Basin 710 79 860 96	Redwillow 3,970 92 4,090 95 Richardson 3,990 91 4,320 98
Claiborne 1.650 63 2.230 86	Daviess 2,890 90 3,040 95 De Kalb 2,200 88 2,370 95	Lake 3,410 87 3,750 96	Rock 680 85 790 99 Saline 3,780 92 3,990 97
Clarke 3.230 77 3.530 84 Clay 3.920 77 4.580 90	Dent 2,630 75 3,250 93	Lewis and Clark 7,970 85 9,060 96	Sarpy 8,770 97 8,600 96
Coahoma 8.020 68 10.470 89 Copiah 5.230 78 5.740 86	Dunklin 9,890 88 10,140 90	Liberty 610 87 690 98 Lincoln 3,280 84 3,560 91	Scotts Bluff 9,190 90 9,950 98
Covington 2.480 75 2,870 87 De Soto 4.130 74 4.810 86	Franklin 13,530 94 13,690 95 Gasconade 3,410 85 3,700 93	McCone 720 80 870 97 Madison 1,450 90 1,530 96	Seward 3,630 88 3,940 96 Sheridan 2,400 89 2,600 96
Forrest 13,470 87 13,920 90 Franklin 1.600 67 1.940 81	Gentry 2,530 87 2,690 93 Greene 40.810 94 40.760 94	Meagher 590 74 770 96 Mineral 880 88 890 89	Sherman 1,400 88 1,530 95 Sioux 690 87 790 98
George 2.440 87 2.320 83 Greene 1.360 68 1.720 86	Grundy 3,740 87 4,180 97 Harrison 3,380 89 3,690 97	Missoula 12,570 87 13,770 96 Musselshell 1,190 79 1,400 93	Stanton 1,490 88 1,660 98 Thayer 2,550 91 2,710 97
Grenada 3 520 70 4,420 88	Henry 5.760 89 6,190 95 Hickory 1,370 85 1,490 93	Park 3,730 85 4,290 98	Thomas 210 71 290 96 Thurston 1,620 90 1,690 94
Harrison 31 220 90 31,020 89	Holt 2.190 84 2,440 94	Phillips 1,250 69 1,740 97	Valley 1,650 83 1,890 94
Hinds 49 880 90 51,210 92 Holmes 4,230 68 5,360 87	Howell 5,060 72 6,620 95	Pondera 1,960 89 2,040 93 Powder River 430 62 620 89	Wayne 2,780 96 2,860 99
Humphreys 2.770 68 3.310 81 Issaquena 470 59 650 81	Iron 1,780 81 1,980 90 Jackson 203,450 93 204,390 94	Powell 1,650 83 1,750 87 Prairie 480 69 660 94	77771 220 29 200 07
Itawamba 3.190 80 3.620 91 Jackson 15.430 89 15.730 90	Jasper 25,450 92 25,280 92 Jefferson 20,210 95 19,910 94	Ravalli 3,410 85 3,540 89 Richland 2,610 87 2,920 97	York 4,000 89 4,420 98 State total 412,456 92 426,640 96
Jackson 15.430 R9 15.730 90 Jasper 3.220 78 3.620 RR Jefferson 1.320 55 2.070 86	Johnson 8,420 92 8,860 96	Roosevelt 2.820 88 2.910 91	
	Laclede 5,340 88 5.720 94	Rosebud 1,240 73 1,480 87 Sanders 1,660 72 1,920 83 Sheridan 1,700 90 1,820 96	NEVADA Churchiil 2,480 92 2,490 92
2.140 67 2.740 86 Jones 14.140 87 14.890 92 Kemper 1.740 67 2.130 82 Lafayette 3.850 77 4.480 90 Lamar 2.980 81 3.200 86 Lauderdale 17.340 88 18.050 92	Latayette 7,550 92 7,840 96 Lawrence 6,670 87 7,210 94 Lewis 3,120 89 3,310 95 Lincoln 4,500 90 4,620 92 Linn 5,030 87 5,580 96 Livingston 4,740 88 5,110 95 McDonald 3,390 89 3,360 89 Macon 5,140 90 5,360 94 Macina 2,490 85 3,640 94	Silver Bow 13.890 92 14,270 95	Churchill 2,480 92 2,490 92 Clark 48,370 93 47,660 92
Lafayette 3.850 77 4.480 90	Lincoln 4.500 90 4.620 92	Sweet Grass 130 12 1,030 33	EIKO 2,000 00 3,000 91
Lamar 2.980 81 3.200 86 Lauderdale 17.340 88 18.050 92	Linn 5,030 87 5,580 96 Livingston 4.740 88 5,110 95	Teton 1.880 90 2,030 97 Toole 2,030 88 2,250 98 Treasure 310 78 370 92	Esmeralda 90 47 190 93 Eureka 170 55 300 100 Humboldt 1,680 84 1,850 93
Leake 3.510.78 3.860.86		Valley 4,500 78 5,500 95	Lander 330 66 450 89
Lee 9.980 83 11.130 92 Leflore 8.340 71 10.690 91		Wheatland 640 79 800 100 Wibaux 430 86 500 100	Lincoln 540 78 690 98 Lyon 1,860 81 2,160 94
Lincoln 5.600 77 6.580 90 Lowndes 10.850 85 11.690 91	Maries 1,880 86 2,070 94 Marion 9,260 93 9,510 95 Mercer 1,520 85 1,680 93	Yellowstone 24,460 94 25,380 98 State total 182,280 86 201,730 96	Mineral 1,620 85 1,700 89
Madison 5.570 74 6.630 88 Marion 4.500 73 5,590 90	Miller 3.930 89 4.180 95 Mississippi 4.860 88 4,540 83	1	Ormshy 2 420 00 2 530 94
Marshall 3.760 72 4.510 87	Monitegu 3 150 90 3 210 92	NEBRASKA	Pershing 920 84 1,040 94 Storey 160 78 200100 Washoe 29,920 91 31,060 94
Monroe 7.420 82 8.010 88 Montgomery 2.300 66 3.190 91	Monroe 3,310 92 3,450 96 Montgomery 3,390 89 3,630 96 Morgan 2,840 89 2,980 93	Adams 8.510 93 8.680 95 Antelope 2,520 84 2,910 97	White Pine 2.610 84 2.850 92
Neurton 2,900 70 4,750 90	New Madrid 6.560 86 6,400 84	Arthur 180 88 200 100 Banner 380 94 390 97	State total 97,900 90 101,370 93
Noxubee 2.350 62 3.310 87 Oktibbeha 4.400 71 5.570 90	I Nodaway 6.010 90 6.520 97	Blaine 210 68 290 95 Boone 2,250 90 2,370 95	NEW HAMDOUIDE
Noxubee 2.350 62 3.310 87 Oktibbeha 4.400 71 5.570 90 Panola 5.520 80 6.130 89 Pearl River 5.090 82 5.560 90 Perry 1.770 77 1.990 86 Pike 7.490 76 8.930 91	Oregon 1,900 63 2,860 95 Osage 2,580 83 2,980 96 Ozark 1,510 79 1,770 93 Pemiscot 8,350 86 8,440 87	Dog Dutto 2 250 00 2 570 00	Dollenon 0.250 0E 0.270 0E
Perry 1.770 77 1.990 86 Pike 7.490 76 8.930 91	Oregon 1,900 63 2,860 95 Osage 2,580 83 2,980 96 Ozark 1,510 79 1,770 93 Pemiscot 8,350 86 8,440 87 Perry 3,650 87 3,940 94	Brown 1.190 79 1,410 94	Carroll 4,740 93 4,770 94 Cheshire 12,390 90 12,860 94
		Duit	Granuii 12.350 09 12.010 31
Prentiss 3.960 81 4.490 92 Quitman 3.090 69 3.830 85	Pettis 11.100 90 11,480 93 Phelps 6.610 84 7,360 93	Butler 2,750 89 3,010 97 Cass 5,280 94 5,310 95	Hillsborough 53.820 95 54,130 96 Merrimack 18,770 93 19,150 95
Prentiss 3.960 81 4.490 92 Quitman 3.090 69 3.830 85 Rankin 6.530 82 7.000 88 Scott 4.330 79 4.820 88 Sharkey 1.580 66 2,070 86	Pike 4.950 88 5.050 90 Platte 7,270 94 7,410 96	Cedar 3,350 93 3,550 99	Rockingham 29,600 95 29,700 96
Sharkey 1.580 66 2,070 86 Simpson 4.100 80 4.530 89	Petty 3,500 87 3,540 94 Pettis 11,100 90 11,480 93 Phelps 6,610 84 7,360 93 Pike 4,950 88 5,050 90 Platte 7,270 94 7,410 96 Polk 3,880 86 4,240 94 Pulaski 7,980 88 8,230 90 Putnam 2,150 93 2,220 97 Polle 3,400 93 2,550 97	Cherry 2,200 88 2,330 93 Cheyenne 4,090 89 4,430 96 Clay 2,820 97 2,830 98	Strafford 16,630 94 17,080 97 Sullivan 7,680 88 8,260 95 State total 174,960 94 177,200 95
Smith 2 620 75 2.950 84	Putnam 2.150 93 2.220 97	Clay 2.820 97 2.830 98 Colfax 2.830 88 3.130 98	
Simbson 4.100 80 4.530 89 Smith 2.620 75 2.950 84 Stone 1.530 81 1.630 86 Sunflower 6.090 63 8.500 88	Randolph 7,060 91 7,570 97	Cuming 3,360 91 3.600 97	NEW JERSEI
Tallahatchie 3.320 64 4.540 87 Tate 3.290 76 3.940 92	Reynolds 4.990 92 5,070 94 Reynolds 1,020 73 1,250 89	Custer 4,170 85 4,790 98 Dakota 3,460 96 3,380 94	Atlantic 51,510 94 51,720 94 Bergen 250,050 98 249,720 98
00 (oproles product)			DECEMPERATING December 10 1000

TV Radio		D - 11 -					
TV Radio County Homes % Homes	% County Homes %	Radio Homes %	County Homes %	Radio Homes %	County	TV Homes %	Radio Homes %
Burlington 60,950 97 60,29			Wake 43,540 90	44,680 93	Knox	11,480 94	11,760 96
Camden 119,070 97 118,31 Cape May 16,170 95 16,13	97 Steuben 27,100 93 94 Suffolk 199,160 97		Warren 3,050 74 Washington 2,720 82	3,580 87 2,680 81	Lake Lawrence	45,610 97 15,350 92	45,400 97 14,870 90
Cumberland 32,090 96 31,02 Essex 278,300 95 279,55	93 Sullivan 13,200 90	13,750 94	Watauga 3,660 81 Wayne 18,970 87	4,230 94	Licking	27,980 95	28,430 97
Gloucester 41,500 97 40,65	95 Tompkins 16,720 85	18,820 96	Wilkes 9,870 84	19,160 88 10,280 88	Logan Lorain	10,580 94 63,940 96	10,760 95 63,500 95
Hudson 186,040 96 186,43 Hunterdon 16,570 95 16,76	96 Warren 13,120 93	37,000 96 13,300 94	Wilson 13,140 86 Yadkin 5,410 86	13,270 87 5,690 90	Lucas Madison	137,710 96 6,910 91	138,240 96 7,050 93
Mercer 76,680 95 76,39 Middlesex 132,240 97 130,74		13,070 94	Yancey 2.420 69 State total 1,093,870 88	3,190 91	Mahoning Marion	86,220 96 17,880 95	86,500 96 17,800 95
Monmouth 102,200 97 101,67	96 Westchester			1,110,000	Medina	19,530 95	19,780 97
Ocean 37,070 97 35,870	94 Wyoming 9,470 97	9,560 98	NORTH DAKOTA		Meigs Mercer	5,780 89 8,570 93	5,840 90 8,990 98
Passaic 128,260 96 128,14 Salem 17,350 95 16,94				980 76 4.700 98	Miami Monroe	22,590 95 4,040 88	22,700 96 4,170 91
Somerset 42,910 97 42,93 Sussex 15,070 95 15,18	97	0,012,000 01	Benson 1,950 85	2,150 93	Montgome		160,700 96
Union 157,350 97 156.78	97 NORTH CAROLINA		Billings 370 92 Bottineau 2.750 89	340 84 2,980 96	Morgan	3,280 86	3,470 91
Warren 19,170 95 19,53 State total 1,859,770 96 1,853,92	96		Bowman 1.050 87 Burke 1,420 89	1,200 100 1,580 99	Morrow Muskingun	5,450 94 n 22,880 93	5,520 95 23,220 94
	Alamance 23,100 92 Alexander 3,760 87	22,830 91 3,690 86	Burleigh 9,860 93 Cass 19,190 95	10,240 97 19,410 96	Noble Ottawa	2.730 83 10,570 95	3,100 94 10,680 96
NEW MEXICO	Alleghany 1,740 79 Anson 4,810 80	2,040 93 5,290 88	Cavalier 1,860 74	2,480 99	Paulding Perry	4,630 93 7,480 92	4,730 95 7,530 93
Bernalillo 78,560 93 80,18	95 Ashe 3,850 77	4,660 93	Dickey 2,070 86 Divide 1,200 85	2,330 97 1,360 97	Pickaway	9,360 95	9,100 93
Catron 440 55 78 Chaves 17,370 92 17,610	97 Avery 2,240 77 93 Beaufort 8,300 87	2,490 86 7,690 81	Dunn 1,390 87 Eddy 1,290 92	1,550 97 1,340 96	Pike Portage	4.910 88 25.850 96	5,020 90 25,650 95
Colfax 2,680 74 3,340 Curry 8,940 89 9,490		4,500 79 5,580 83	Emmons 1,820 91 Foster 1,370 91	1,920 96 1,450 97	Preble Putnam	9.440 95 7,270 92	9.320 94 7.660 97
De Baca 770 86 790	88 Brunswick 4,060 81	4,020 80 35,950 92	Golden Valley		Richland	34,740 94 15,970 92	34,940 95
Eddy 13,640 90 14,270	95 Burke 12,830 90	12,810 90	Grand Forks 820 92	850 95	Ross Sandusky	16,770 96	16,230 93 17,050 97
Grant 3,720 76 4,620 Guadalupe 930 72 1,110	85 Caldwell 12,170 90	17,880 89 11,840 88	Grant 13.230 95	13,440 96 1,510 94	Scioto Seneca	23,570 92 16,520 94	24,080 94 16,840 96
Harding 240 61 386 Hidalgo 1,020 73 1,286	95 Camden 1,330 88	1,260 84 7,020 85	Griggs 1,300 93 Hettinger 1,440 90	1,320 95 1,590 99	Shelby Stark	9,460 95 99,390 95	9,530 95 100,520 96
Lea 15,600 90 15,730	91 Caswell 3,780 84	4,060 90	Kidder 1,230 95	1,230 95	Summit	156,560 96 61,150 96	157,420 96
Lincoln 1,840 80 2,050 Los Alamos 3,680 92 3,920	98 Chatham 6,070 85	20,320 93 6,600 93	La Moure 2,080 90 Logan 1,130 87	2,250 98 1,250 96	Trumbull Tuscarawa:	s 22,230 92	22,770 94
Luna 2.390 83 2,640 McKinley 5,390 66 6,900	91 Cherokee 3,190 76 84 Chowan 2,510 84	3,700 88 2,560 85	McHenry 2,630 94 McIntosh 1,550 82	2,690 96 1,830 97	Union Van Wert	6,600 93 8,580 94	6,660 94 8,750 96
Mora 580 45 1,080	83 Clay 1,080 72	1,400 93 15,170 87	McKenzie 1,820 91 McLean 3,210 92	1,900 95 3.350 96	Vinton Warren	2,580 89 19,400 95	2,620 90 19,200 94
Quay 2,790 80 3,280	94 Columbus 9,500 81	10,050 85	Mercer 1,450 85	1,620 95	Washingtor Wayne		15,020 93
Rio Arriba 3,870 69 4,710 Roosevelt 4,060 86 4,440	94 Cumberland 33,680 88	13,710 86 34,160 89	Morton 5,230 92 Mountrail 2,500 89	5,390 95 2,700 97	Williams	8,820 92	20,940 94 9,220 96
Sandoval 2,410 73 2,720 San Juan 11.130 73 13,680		1,560 82 1,680 88	Nelson 1,890 94 Oliver 540 91	1,950 98 580 96	Wood Wyandot	20,650 95 5.960 92	21,110 97 6.360 98
San Miguel 3,520 66 4,750 Santa Fe 10,770 87 11,300	90 Davidson 21,400 90	21,120 89 4.230 90	Pembina 2,640 80 Pierce 1,570 87	3,260 99 1,760 98	State total	2,862,650 95	2.891,830 96
Sierra 1,730 72 2,180 Socorro 2,350 87 2,460	91 Duplin 8,280 82	4,230 90 8,380 83 29,920 93	Ramsey 3,300 89 Ransom 2,130 93	3.620 98 2.260 98	OKLAHOMA		
Taos 2,330 61 3,000	79 Edgecombe 11,610 87	11,050 83 54,670 93	Renville 1,230 95 Richland 4,690 92	1,250 96 5,020 99	Adair	2,620 73	3,050 85
Torrance 1,190 79 1,340 Union 1,090 68 1,530	95 Franklin 5,400 78	6,080 88	Rolette 1.780 74	2,120 89	Alfalfa Atoka	2,300 85 2,280 85	2,550 95 2,180 81
Valencia 9,040 85 9,470 State total 236,710 86 254,970		32,120 88 1,910 83	Sargent 1,760 93 Sheridan 970 88	1.770 93 1,060 97	Beaver Beckham	1,900 86 4,600 81	2,150 98 5 310 93
	Graham 1.210 76 Granville 6,290 83	1,280 80 6,790 89	Sioux 600 75 Slope 460 92	620 78 490 97	Blaine Bryan	3,190 89 5,980 81	5,310 93 3,170 88 6,880 93
NEW YORK	Greene 3,130 84 Guilford 68,210 92	3,070 83 67,910 92	Stark 4,440 91 Steele 1,220 94	4,790 98 1,290 99	Caddo	7,510 89	7.300 87
Albany 84,000 95 85,760	97 Halifax 10.950 78	11,830 85	Stutsman 6,180 95 Towner 1,390 87	6,370 98 1,560 98	Canadian Carter	6,940 93 11,460 88	6,850 91 11,600 89
Allegany 11,430 91 12,040 Bronx 437,290 95 446,590	97 Haywood 9,690 84	10.730 86 10,300 90	Traill 2,760 95	2,850 98	Cherokee Choctaw	4,110 84 3,080 67	4,520 92 4,340 94
Broome 63,220 96 64,156 Cattaraugus 22,460 94 23,160	97 Hertford 4,560 84	10,020 90 4,440 82	Ward 13,370 93	4,560 99 13.670 96	Cimarron Cleveland	1,060 76 12,130 91	1.370 98 12.260 92
Cayuga 20,220 93 20,830 Chautauqua 44,470 95 45,360		2.970 85 1.240 83	Wells 2.250 90 Williams 6.570 91	2,440 98 6.880 96	Coal Comanche	1,380 86 23,570 92	1,270 79 23,460 92
Chemung 28,270 93 29,390	97 Iredell 16,380 90	16,310 90 3,960 92	State total 160,220 91	169,100 96	Cotton	2.170 90	2,100 88
Chenango 11,960 93 12,330 Clinton 18,620 96 18,510 Columbia 13,960 94 14,270	95 Johnston 13,870 85	14.380 88 1,910 76	OHIO		Creek	3,850 87 11,370 89	4,120 94 11,440 89
Cortland 11,700 94 12,070		6.620 89	Adams 4,970 81	5.580 91	Custer Delaware	5,800 87 3,050 78	6,160 92 3,290 84
		12,940 87 6,920 89	Allen 29,500 93 Ashland 11,910 95	30,400 96 11,950 96	Dewey Ellis	1,390 81 1,210 71	1.600 94 1.650 97
Erie 322,410 96 325,090 Essex 9,510 94 9,490	97 McDowell 6,360 86 94 Macon 2,750 69	6,560 89 3,680 92 3,740 91	Ashtabula 27,010 94 Athens 11,160 89	27,530 96 11,690 93	Garfield Garvin	15,940 92 8.010 91	16,280 94 7,820 89
Franklin 11,700 92 11,930	94 Madison 2,910 71 96 Martin 5,580 86	3,740 91 5,270 81	Auglaize 10,250 93 Belmont 23,770 94 Brown 6,790 88 Butler 57.330 95 Carroll 5,540 94 Champaign 8,640 94 Clark 38,430 95 Clermont 23,470 95 Clinton 8,810 94	10,540 96 23.830 94	Grady Grant	8.150 90 2,240 90	8,250 91 2.370 95
Genesee 15,750 96 15,830 Greene 9,610 94 9,870 Hamilton 1,270 91 1,240	97 Mecklenburg 97 77,210 92		Brown 6.790 88 Butler 57.330 95	7,150 93 57,530 95	Greer Harmon	1,980 79 1,420 84	2.360 94 1.470 87
Hamilton 1,270 91 1,240	88 Mitchell 2,810 80 Montgomery 4,380 88	76.940 92 3,160 90 4,260 85	Carroll 5.540 94 Champaign 8,640 94	5,540 94	Harper Haskell	1.660 87 1.980 83	1,870 99 1,920 80
Jefferson 25.110 95 25.400		9,160 89 12,940 85	Clark 38,430 95	38.410 95	Hughes	3,680 92	3,780 84
Kings 789,850 94 808,960	07 I'CW IIailovei		Clermont 23,470 95 Clinton 8.810 94	8,700 93	Jackson Jefferson	8,730 90 2,210 88	8,750 90 2,280 91
Livingston 11,680 94 12,080 Madison 15,300 95 15,500	07 13,410 30	18,810 87 5.040 84	Coshocton 9,120 89	9,630 94	Johnston Kay	2,060 82 15,700 91	2,250 90 16,240 94
Monroe 178,460 96 181,180	96 Onslow 16.930 85 97 Orange 9.770 84 98 Pamlico 2.170 87	5.040 84 17.390 87 10,720 92	Crawford 14,350 94 Cuyahoga 496,620 95	14,440 94 501,160 96	Kingfisher Kiowa	2.950 92 4.070 88	2.980 93 4.110 89
Madison 15,300 95 15,500 Monroe 178,460 96 181,180 Montgomery 17,040 94 17,840 Nassau 399,930 98 399,970	98 Pamlico 2.170 87 98 Pasquotank 5,820 86	1,910 77 6,060 89	Clermont 23,470 95 Clinton 8,810 94 Columbiana 31,180 94 Coshocton 9,120 89 Crawford 14,350 94 Cuyahoga 496,620 95 Darke 13,400 94 Defiance 8,780 93 Delaware 10,250 96	11.950 96 27.530 96 11.690 93 10,540 96 23.830 94 7.150 93 57.530 95 5,540 94 8.640 94 38.410 95 23.470 95 8,700 93 31.580 95 9,630 94 501.160 96 13.560 95 9.090 97	Latimer Le Flore	1.540 70 7,070 82	1,840 84 7,760 90
552,310 84 622,470	94 Pender 3.420 74	1,910 77 6.060 89 3.740 81 2.060 86 5.910 88	Delaware 10,250 96 Erie 20,450 95	9.940 93 20,750 97	Lincoln Logan	5.310 92	5.170 89
	96 Person 5,780 86 97 Pitt 15.710 88	5.910 88	Fairfield 19,330 96	19.230 95	Love	4.940 88 1.440 85	5,100 91 1,470 87
Oneida 76,570 95 77,656 Onondaga 126,530 96 128,240 Ontario 19,300 96 19.670	97 Polk 2.740 81	2.910 86	Franklin 209,040 95	7,410 94 209,650 96	McClain McCurtain	3.530 93 5,530 78	3.490 92 6.260 88
Orange 54,170 94 55,200	96 Richmond 9.080 87	17.280 92 8.870 85 17,390 86	Fulton 8,150 92 Gallia 6,150 88	8,660 97 6.270 90	McIntosh Major	2.680 84 1.830 76	2.680 84 2.120 89
Demonstructure Dem	06 7 11 30	17,390 86 17,520 89	Gallia 6,150 88 Geauga 13,420 94 Greene 27,150 95	13.460 94 27,560 97	Marshall Mayes	1 000 02	2.170 90 5.700 90
Otsego 14,290 92 14,850	95 Rowan 22,520 91 95 Rutherford 11,350 91	17,520 89 22,450 91 10,880 87 10,170 86	Guernsey 10,400 90	10,800 94	Murray	5.500 87 3.090 86 17,310 89 3.030 92 2,990 90	3.210 89
Putnam 9,860 95 9,920 Queens 591,390 97 596,410 Rensselaer 41,760 94 42,620	98 Sampson 9,800 83 96 Scotland 4,900 82	10,170 86	Hancock 16,980 95	268,130 96 17,470 98	Muskogee Noble	3.030 92	3.210 89 17.370 89 2,950 89
menmond 62,710 97 62,470	97 Stanly 10.890 90	5,290 88	Hardin 8.210 91 Harrison 4.860 92	17.470 98 8.410 93 4.990 94 7.560 97	Nowata Okfuskee	2.510 81	2.940 89 2.750 89
Rockland 37,620 95 38,180 St. Lawrence	Surry 12.120 88	5.250 89 12.520 91	Henry 7.450 96 Highland 8.580 89	9.070 95	Oklahoma Okmulgee	142.320 93 9,960 91	141,590 93 9.800 89
Saratoga 28.440 94 28,720 26,500 96 26,410	95 Swain 1,240 62 96 Transylvania 3,630 82	5.250 89 12.520 91 1.740 87 3.970 90	Hocking 5,560 91 Holmes 4,200 76	5.510 90 4,440 81	Osage Ottawa	9.560 93 8.150 92	9,190 89 7,900 89
Schenectady 47,900 96 48,250 Schoharie 6,060 92 6,400	97 Tyrrell 900 75	950 79 10.700 89	Huron 13.620 94 Jackson 7.840 90	13.780 95 8.180 94	Pawnee Payne	2,950 90 11,970 89	2.860 87 12.440 93
Schuyler 4,090 91 4,280	97 Union 10.530 88 95 Vance 7,310 87	7,470 89	Jefferson 27,950 95	28.170 96	Pittsburg	8,720 86	9,350 93
RROADCASTING December 16 1	63						

NIELSEN RADIO-TV HO	OMES continued (OI	klahoma)	TV County Homes %	Radio Homes %	County Homes %	Radio Homes %
TV Radio County Homes % Homes % Pontotoc 8,230 89 8,020 87 Pottawatomie	TV County Homes % Northampton 59,490 95	Radio Homes %	Faulk 1,130 87 Grant 2,500 89 Gregory 1,760 88 Haakon 780 87	1,230 95 2,740 98 1,950 98 860 95	Morgan	7,840 93 3,270 91 1,270 91
12,120 90 11,790 88 Pushmataha 1,750 67 2,290 88 Roger Mills 1,080 77 1,310 94	Northumberland 28,460 91 Perry 7,160 92	29,140 93 7,270 93	Hamlin 1,730 91 Hand 1,730 91 Hanson 1,160 89	1,810 95 1,850 97 1,230 94 680 97	Pickett 830 74 Polk 2,490 83 Putnam 6,660 83 Rhea 3,450 86	2,710 90 2 7,64 0 94
Rogers 5,920 88 5.980 89 Seminole 7,000 88 6.840 86 Sequoyah 3,950 79 4,370 87	Philadelphia 577,040 94 Pike 2,760 89 Potter 4,500 90	583,470 95 2,980 96 4,740 95	Harding 570 82 Hughes 3,790 92 Hutchinson 2,870 87 Hyde 750 93	680 97 3,830 93 3,210 97 770 97	Roane 10,110 86 Robertson 6,920 86 Rutherford 13,620 93	10,590 92 7,080 91
Stephens 11,490 92 11,290 90 Texas 3,760 85 4,180 95 Tillman 3,910 89 3,950 90 Tulsa 114,490 93 113,680 93	Schuylkill 47,700 93 Snyder 6,260 86 Somerset 20,350 93	47,370 93 6,770 93 20,850 95	Jackson 470 79 Jerauld 1,060 88 Jones 520 87	570 96 1,160 97 600 100	Scott 2,530 76 Sequatchie 1,260 84 Sevier 5,220 79	3,250 90 1,160 77 5,940 90
Wagoner 4,160 89 4,330 92 Washington 13,600 94 13,380 93 Washita 4,810 91 4,920 93	Sullivan 1,500 91 Susquehanna 8,910 94 Tioga 9,550 90	1,570 92 9,030 95 10,000 94	Kingsbury 2,480 92 Lake 3,190 94 Lawrence 4,380 88	2,590 96 3,320 98 4,860 97	Shelby 170,490 9 Smith 3,010 8 Stewart 1,710 8 Sullivan 30,950 9	3,240 93 1,740 87
Woods 3,310 85 3,740 96 Woodward 3,460 79 4,110 93 State total 670,690 90 681,640 91	Union 5,730 85 Venango 17,100 90 Warren 12,080 90 Washington 61,960 95	6,430 96 17,820 94 12,930 97 62,490 96	Lincoln 3,550 93 Lyman 1,120 93 McCook 2,270 95 McPherson 1,240 83	3,740 98 1,130 94 2,320 97 1,490 99	Sullivan 30,950 95 Sumner 9,860 96 Tipton 5,910 85 Trousdale 1,190 85	10,020 91 2 6,250 87
OREGON	Wayne 7,130 88 Westmoreland 102,230 96	7,780 96 102,530 96	Marshall 1,520 84 Meade 2,870 87 Mellette 550 78	1,710 95 3,230 98 630 90	Unicoi 3,380 8 Union 1,620 7 Van Buren 650 7	2 3,700 90 3 1,930 88 2 770 86
Baker 4,890 86 5,490 96 Benton 10,620 85 12,100 97 Clackamas 35,290 93 36,360 96	Wyoming 4,520 92 York 73,290 94 State total 3,252,610 95	4,750 97 74,830 96 3,296,100 96	Miner 1,360 90 Minnehaha 25,530 96 Moody 2,220 92	1,470 98 25,710 97 2,270 95 18,120 96	Warren 5,530 8 Washington 16,380 9 Wayne 2,110 76 Weakley 5,940 8	1 16,490 92 2,680 89
Clatsop 7,750 87 8,470 95 Columbia 6,410 90 6,780 96 Coos 15,100 83 17,490 96 Crook 2,500 86 2,710 93	RHODE ISLAND	*1 000 07	Pennington	1,570 98 1,340 96 3,310 95	White 3,620 8 Williamson 5,990 8 Wilson 7,400 8	4,150 92 7 6,340 92
Curry 3,520 82 4,050 94 Deschutes 6,770 86 7,580 96 Douglas 19,310 89 20,740 96	Bristol 11,280 97 Kent 34,550 97 Newport 21,410 96 Providence 170,810 96	11,280 97 34,500 97 21,620 97 172,060 97	Sanborn	1,390 99 800 66 3,010 94	State total 906,380 8	8 947,030 92
Gilliam 840 84 960 96 Grant 1,580 66 2,280 95 Harney 1,580 79 1,910 95 Hood River 3,510 84 4,010 96	Washington 16.150 94 State total 254,200 96	16,350 96 255,810 97	Stanley 1.030 85 Sully 640 91 Todd 770 70 Tripp 2.250 90	950 87	Anderson 6,940 8 Andrews 3,720 8	
Jackson 24,130 93 24,680 95 Jefferson 1,840 88 1,980 94 Josephine 8,730 86 9,790 97	SOUTH CAROLINA Abbeville 4,650 82	4,980 87	Turner 3.140 92 Union 2,990 97 Walworth 1,930 81	3,350 98 2,930 95 2,320 97	Angelina 10,960 8' Aransas 2,150 8 Archer 1,780 9	7 11,210 89 9 2,120 89 3 1,830 96
Klamath 14,020 92 14,680 97 Lake 1,930 84 2,190 95 Lane 50,860 92 53,460 97	Aiken 22,210 91 Allendale 1,980 68 Anderson 25,620 90 Bamberg 2,910 75	22,330 92 2,510 87 25,280 89 3,360 86	Washabaugh 230 76 Yankton 4,280 91 Ziebach 370 61	4,500 96 550 91	Armstrong 630 8 Atascosa 3,860 8 Austin 3,290 7 Bailey 2,410 8	2 4,200 89 5 4,100 93
Lincoln 6.820 80 8,130 96 Linn 16,630 91 17.400 96 Malheur 5,900 89 6.410 97 Marion 35,580 92 36,590 94	Barnwell 3,510 78 Beaufort 8,690 84 Berkeley 7,590 82	3,870 86 8,730 85 7,420 82	State total 178,410 90 TENNESSEE	190,430 96	Bandera 1,230 8 Bastrop 3,980 7 Baylor 1,770 9	3 1,320 94 8 4,630 91 3 1,830 97
Morrow 1,220 81 1,400 94 Multnomah 169,760 92 175,430 96 Polk 8,010 91 8,410 96	Calhoun 1,910 71 Charleston 53,560 89 Cherokee 8,380 89 Chester 6,880 87	2,390 89 53,190 89 8,130 87 7,020 89	Anderson 14,870 91 Bedford 6,100 87	15,250 93 6,480 93 3,070 93	Bee 5,290 8 Bell 25,750 9 Bexar 185,540 9	2 25,430 91 0 189,380 92
Sherman 740 92 710 89 Tillamook 4,820 82 5,530 94 Umatilla 11,650 86 13.040 96 Union 4.790 83 5,500 95	Chesterfield 6,520 81 Clarendon 3,980 66 Colleton 5,230 74	6,860 85 5,000 83 5,690 80	Benton	1,690 89 14,890 92 10,520 92	Blanco	300 100 3,460 93
Wallowa 1,790 82 2,120 97 Wasco 5,810 85 6,510 96 Washington 33,730 96 34,420 98	Darlington 10,960 84 Dillon 5,610 82 Dorchester 5,170 85 Edgefield 3,070 81	11,260 87 5,810 86 5,090 83	Campbell	5,970 89 2,320 93 6,380 92	Brazoria 21,750 9 Brazos 11,160 8 Brewster 1,210 6	3 11,760 91 7 1,650 92
Wheeler 680 86 700 88 Yamhill 8,950 89 9,630 99 State total 538,060 91 569,640 96	Fairfield 3.710 76	3,150 83 4,160 85 19,260 90 6,890 88	Carter 9,890 88 Cheatham 2,380 88 Chester 2,050 82 Claiborne 3,130 71	10,420 92 2,450 91 2,160 86 4,030 92	Briscoe	1,910 87 1 7,550 94
PENNSYLVANIA	Greenwood 11,590 89 Hampton 3,190 74	55,870 90 11,610 89 3,420 80	Clay 1,330 74 Cocke 4,810 78 Coffee 7,780 89	1,600 89 5,310 86 8,140 94	Burnet 2,510 9 Caldwell 4,080 8 Calhoun 3,940 8	2,480 89 3 4,400 90 2 4,420 92
Adams 14,390 93 15,020 97 Allegheny 472,950 95 480,240 97 Armstrong 22,240 94 22,660 96	Horry 14,330 82 Jasper 2,280 73 Kershaw 7,020 84 Lancaster 9,170 90	15,450 88 2,390 77 7,360 88 9,010 88	Crockett 3,440 84 Cumberland 3,670 75 Davidson 115,150 93	4,430 90 115,350 93	Callahan 2,300 8 Cameron 30,650 8 Camp 1,900 7	2 33,160 89 6 2,170 87
Beaver 59,830 96 59,930 96 Bedford 11,300 91 11,720 95 Berks 84,850 95 85,740 96 Blair 39,110 95 39,440 96			Decatur	2,850 89	Carson 2,100 9 Cass 5,650 8 Castro 2,320 8 Chambers 3,000 9	5.850 89
Berks 84,850 95 85,740 96 Bradford 15,090 93 15,330 95 Bucks 94,870 97 94,470 97 Butler 32,460 96 32,850 97 Cambria 54,210 96 54,260 96 Carbon 2,200 96 2,160 94 Carbon 14,820 94 14,680 94 Centre 19,650 91 20,490 95 Chester 58,180 96 58,100 95 Clarion 10,300 93 10,330 97	McCormick 1,570 78 Marion 5.890 77 Marlboro 5.260 80	1,690 85 6,540 86 5,640 86	Fayette 3,710 71 Fentress 2,210 71 Franklin 5,840 85	4,390 85 2,810 91 6,380 92	Cherokee 7,370 8 Childress 2,030 8 Clay 2,390 9	2.960 90 7.960 87 4 2.280 95 2 2.370 91
Cambria 54,210 96 54,260 96 Cameron 2,200 96 2,160 9 Carbon 14,820 94 14,680 94 Centre 19,650 91 20,490 95	Oconee 9.350 89 Orangeburg 12,390 76 Pickens 11,490 86	9,450 90 14,250 87 12,010 90	Gibson 11.420 85 Giles 4,820 78 Grainger 2,430 74 Greene 10,180 86	12,200 90 5,740 93 2,900 88	Cochran	7 3,860 96
Clearfield 22,350 94 21,900 92	Laurens 10,770 87 Lee 3,440 73 Lexington 15,310 86 McCormick 1.570 78 Marion 5,890 77 Marlboro 5,260 80 Newberry 6,690 85 Oconee 9,350 89 Orangeburg 12,390 76 Pickens 11,490 86 Richland 43,770 88 Saluda 2,820 81 Spartanburg 39,700 90 Sumter 16,200 83 Union 6,860 88 Williamsburg 6,250 74 York 18,180 88	4,030 86 16,020 91 1,690 85 6,540 86 7,270 92 9,450 97 14,250 87 12,010 90 46,510 93 2,960 85 40,040 91 17,250 87 1,100 91 7,200 86	Grundy 2,100 75 Hamblen 8,820 84 Hamilton 67,010 92	5,150 94 7,820 91 4,390 85 2,810 91 6,380 92 12,200 90 5,740 93 2,900 88 10,900 92 2,420 87 9,680 92 1,780 94 4,100 84 4,280 87	Collingsworth 1,200 7 Colorado 4,410 7	0 1,670 98 7 5,240 92
Columbia 15,390 94 15,580 95 Crawford 21,050 92 21,820 95	Union 6.860 88 Williamsburg 6.250 74 York 18.180 88	7,100 91 7,200 86 18,270 89	Hamilton 67,010 92 Hancock 1,390 73 Hardeman 3,760 77 Hardin 3,550 73 Hawkins 6,650 81	1,780 94 4,100 84 4,280 87	Comal 5,330 8 Comanche 2,930 7 Concho 870 8 Cooke 6,330 8	5 3,710 95 7 900 90
Daughin 67 920 04 69 050 06	State total 537.210 86	554,370 89	Haywood 4,140 77 Henderson 3,570 79 Henry 5,550 79	4,070 90 6,430 92	Coryell 5,770 9 Cottle 950 8	5,800 91 0 1,170 97
Erie 72.920 96 73.020 96 Fayette 44.230 93 44.500 93 Forest 1.340 96 1.310 93	Aurora 1.160 83 Beadle 5,860 89	1,390 99 6,300 95	Hickman 2.720 85 Houston 1.100 79 Humphrey's 3,010 89	2,940 92 1,260 90 3,020 89	Crockett 920 7 Crosby 2,750 9 Culberson 700 7	2 2,720 91 8 850 94
Fulton 2,530 84 2,750 95 Greene 10,250 92 10,500 95	Bon Homme 2.410 86 Brookings 5.390 91	720 90 2.710 97 5.790 98	Jackson 1.660 75 Jefferson 5,120 85 Johnson 2.180 81 Knox 70.940 91	5,600 93 2,500 93	Dallam	3 306,400 94 6 5,230 92
Indiana 19.860 93 20,210 95 Jefferson 13.120 94 13.340 95 Juniata 3.940 86 4.360 95	Buffalo 270 68 Butte 2.280 88	9,670 97 1,800 95 380 96 2,540 98	Lake 1,960 79 Lauderdale 4,690 84 Lawrence 6,380 83	2,040 81 4,740 85 7,000 91	Delta 1,260 7 Denton 13,690 9 De Witt 4,770 7 Dickens 1,220 8 Dimmit 1,370 6	9 1 590 95
Lackawanna 65.140 96 65.430 97 Lancaster 76.390 90 79.580 93 Lawrence 31.940 94 32.450 96	Campbell 790 79 Charles Mix 2,290 82 Clark 1,840 92	2.640 94 1.960 98	Lewis 1.470 82 Lincoln 5.460 80 Loudon 6.030 90	6,300 93 6,080 91	Donley 1.140 8	7 1,280 91 0 2,100 91 1 1,360 97
Lebanon 25.610 93 26.570 97 Lehigh 69,610 95 70,930 97 Luzerne 96,920 96 96,240 95 Lycoming 31,200 90 33,260 96	Codington 5.660 94 Corson 970 70	2.930 98 5,720 95 1.180 84 1.450 97	McMinn	4,220 86	Eastland 5,340 8	3 26,450 91
McKean 15.430 92 15.850 95 Mercer 35.920 94 36,610 96 Mifflin 12,020 90 12.760 95	Davison 4.310 86 Dav 2,670 92 Deuel 1,800 90	5.720 95 1.180 84 1,450 97 4,840 97 2,750 95 1.960 98 1.340 96 1.460 97	Marshall 4,300 88 Marshall 4,300 88 Maury 10,810 89	4,760 87 4,640 95 11,430 94	Ellis 11,740 9 El Paso 81,460 9 Erath 4,810 8	0 11.950 91 2 82.820 94 9 5,100 95 2 5,640 91
Monroe 12.270 94 12,360 95 Montgomery 158.440 97 159,740 97	Dewey Co. 990 71 Douglas 1,240 83	1.340 96	Meigs 1.030 86 Monroe 4.750 82	1,030 86 4,860 84	Falls 5,050 8 Fannin 5,990 8	2 5,640 91 2 6.470 89

County	TV Homes %	Radio Homes %	County Homes %	Radio Homes %	County Homes %	Radio Homes %	County Homes % Ho	adio omes %
Floy'd Foard Fort Bend Franklin Freestone Frio Gaines Galveston Garza	1,250 78 2,880 78 1,860 74 3,360 91 41,050 91 1,700 90	3,470 94 840 93 10,360 92 1,460 92 3,330 90 2,170 84 41,000 91 1,720 91	Presidio 760 58 Rains 670 84 Randall 10,880 96 Reagan 1,040 95 Real 380 55 Red River 3,150 72 Reeves 4,440 85 Refugio 2,640 88 Roberts 370 94	760 94 11,060 98 1,060 97 640 92 3,960 90 4,570 88 2,600 87 390 96	Lamoille 2.890 93 Orange 3.960 90 Orleans 5,180 94 Rutland 12,540 92 Washington 11,530 94 Windham 7.410 81 Windsor 11,460 90 State total 102,900 92	2,970 96 4,150 94 5,300 96 12,800 94 11,780 96 8,660 95 12,190 95 106,620 95	Warren 3,580 83 Washington 13,090 87 1 Westmoreland 2,330 78 Wise 9,400 81 1 Wythe 4,630 80	9.890 88 3.970 92 3,490 90 2,500 83 0.280 89 5,360 92 5,640 87 25,540 90
Gillespie Glasscock Goliad	2,310 70 370 94 1,2 00 75	3,020 92 380 96 1,480 93	Robertson 3,760 82 Rockwall 1,550 86 Runnels 3,940 88	3,960 86 1,590 89 4,360 97	VIRGINIA	9 100 90	WASHINGTON	
Gonzales Gray	4,100 82 9,860 93	4,590 92 9,880 93	Rusk 9,200 86 Sabine 1,360 68	9,340 87 1,770 89	Acccmac 7,180 78 Albemarle 14,960 81 Alleghany 7,160 88	8,190 89 16,480 89 7,570 94		3,170 96 4,180 95
Grayson Gregg	21,410 90 20,400 89	22,040 92 20,110 88	San Augustine	1.760 84	Amelia 1,380 72 Amherst 4,390 83	1,670 88 4,610 87	Benton 17,310 93 I Chelan 12,210 90 I	8,040 97 3,110 97
Grimes Guadalupe Hale	2,820 76 7,230 84 10,220 90	3,250 88 8,080 94 10,700 94	San Jacinto 1,080 64 San Patricio 10,190 86 San Saba 1,610 80	1,490 88 10,030 84 1,960 98	Appomattox 2,060 86 Arlington 85,620 94 Augusta 18,690 88	2,010 84 86,260 95 19,570 92	Clark 28,110 95 2	9,200 95 8,420 96
Hall Hamilton	1,490 74 2,350 81	1,910 95 2,820 97	Schleicher 740 82 Scurry 4,890 89	850 95 5.140 93	Bath 1,240 83 Bedford 7,040 84	1,140 76 7,440 89	Cowlitz	1,430 95 7,390 95 4,550 97
Hansford Hardeman Hardin	1,850 93 2,120 82 6,460 85	1,810 91 2,390 92 6,380 84	Shackelford	1,160 90 5,410 90 790 98	Bland 1,220 81 Botetourt 4,060 88	1,190 79 3,960 86	Ferry 910 83 Franklin 7,060 93	1,040 95 7,400 97
Harris Harrison	379,810 92 10,850 85	381,330 92 11,010 86	Smith 24,540 89 Somervell 800 89	24,320 88 740 82	Brunswick 3.140 77 Buchanan 6,230 76 Buckingham 1,910 74	3,420 83 6,830 83 2,090 80	Garfield	850 94 4,110 95
Hartley Haskell Hays	660 94 2,760 86 4,540 86	670 96 2,910 91 4,980 94	Starr	3,410 87 2,720 91 350 87	Campbell 23,360 89 Caroline 2,550 82	23,540 90 2,640 85	15,250 86 1 Island 6,000 95	7,000 96 6,020 96
Hemphill Hendersor	770 86 5,550 82	860 96 6,150 91	Stonewall 930 93 Sutton 700 64	930 93 1,000 91	Carroll 6.430 80 Charlotte 2,760 81 Charles City 830 75	7,170 90 2,750 81 920 84	King 303,120 93 31	2,560 95 2,380 96 7,370 97
Hidalgo Hill Hockley	34,180 80 6,300 88 5,920 94	37,790 89 6,540 91 6,010 95	Swisher 3,190 94 Tarrant 171,230 93 Taylor 30,530 93	3,220 95 170,470 93 30,930 94	Chesterfield 20,190 94 Clarke 2,080 91	19,670 92 1,990 87	Kittitas 5,430 86 Klickitat 3,540 82	6,160 98 4,000 93
Hood Hopkins	1,690 89 4,980 83	1,830 96 5,860 98	Taylor 30,530 93 Terrell 510 64 Terry 4,400 90	750 94	Craig 790 79 Culpeper 3,740 87 Cumberland 1,150 72	920 92 4,070 95 1,370 86	Lincoln 3,300 94	3,030 96 3,390 97 5,250 97
Houston Howard	3,660 72 11,600 94	4,610 90 11,530 93	Throckmorton 830 83	950 95 5,100 95	Dickenson 3,590 83 Dinwiddie 13,420 86	3,650 85 12,760 81	Okanogan 6,270 85 Pacific 4,140 84	7,190 97 4,690 96
Hudspeth Hunt Hutchinso	530 67 11,070 88 n 9,940 95	750 93 11.690 93 9,980 95	Tom Green 18,390 91 Travis 58,240 90	19,390 96 59,570 93	Essex 1,330 78 Fairfax 79,820 96 Fauguier 5,710 86	1,540 91 78,770 95 5,850 89	Pierce 94,760 95 9	2,030 92 5,800 96 1,060 96
Irion Jack	310 79 2,350 90 3,180 79	400100 2,350 90 3.630 91	Trinity 1.560 68 Tyler 2,350 76 Upshur 5.040 84	1.930 84 2,480 80 5,170 86	Floyd 2,290 82 Fluvanna 1,410 79	2,460 88 1,470 82	Skagit 15,490 92 1 Skamania 1,390 87	6,160 96 1,520 95
Jackson Jasper Jeff Davi	5,320 82 s 250 64	5,590 86 340 85	Upshur	1,780 94 4,370 91	Franklin 5,670 83 Frederick 10.220 89 Giles 3,900 89	5,980 88 10,530 92 3,810 87	Spokane 87,730 94 8	5,450 96 9,860 96 5,020 95
Jefferson Jim Hogg	72.670 94 880 68	70,780 91 1,210 93	Val Verde 4.730 71 Van Zandt 5.060 83	6.340 95 5,570 91 13,750 95	Gloucester 3,160 88 Goochland 1,710 81	3,050 85 1,860 89	Thurston 17,560 94 1 Wahkiakum 960 87	7,870 96 1,040 94
Jim Wells Johnson Jones	7,550 81 10.580 92 5,310 90	8,140 88 10,670 93 5,530 94	Victoria 12,110 84 Walker 3.690 74 Waller 2.490 80	4.440 89 2,770 89	Grayson 3,630 81 Greene 680 62 Greensville 3,260 81	4,050 90 900 82 3,450 86	Whatcom 20,680 91 2	2,270 94 1,890 96 8,570 99
Karnes Kaufman	2,940 79 7,250 86	3.230 87 7,540 90	Ward 3.750 89 Washington 4.220 70	3,860 92 5,470 91 14,070 90	Halifax 8,120 83 Hanover 6,420 84	8,200 84 6,770 89	Yakima 40,350 91 4	2,140 95 2,610 96
Kendall Kenedy Kent	1,500 79 170 87 590 99	1,810 96 150 73 580 97	Webb 13,120 84 Wharton 9,200 85 Wheeler 1,770 74	9,980 92 2,260 94	Henrico 96,200 91 Henry 14,720 89	95.720 91 14,450 88	WEST VIRGINIA	
						740 82		
Kerr Kimble	4,460 78 830 64	5,380 94 1,260 97	Wichita 36,980 95 Wilbarger 5,070 94	36,280 93 5.110 95	Highland 750 83 Isle of Wight 3,840 85	740 82 3,780 84	Berkeley 9,330 91	3,470 89 9,660 95
		1,260 97 190 93 640 92 7,080 89	Wichita 36,980 95	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76	3,780 84 3,840 83	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72	9,660 95 5,940 86 3,090 84
Kimble King Kinney Kleberg Knox Lamar	830 64 150 74 380 55 6.860 86 1,830 83 7,750 72	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93	Wichita	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5,360 96	Isle of Wight	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86
Kimble King Kinney Kleberg Knox	830 64 150 74 380 55 6.860 86 1,830 83	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88	Wichita	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94	Isle of Wight	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,420 90 1,700 90
Kimble King Kinnev Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6,120 91 2,740 88 900 69 3,960 64 2,030 78	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 2,550 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zapata 1,700 61	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 78 Lunenburg 2,610 82	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 13 Gilmer 1,890 84 Grant 1,660 76	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,420 90 1,700 90 3,160 89 1,740 87 2,020 92
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6,120 91 2,740 88 900 69 3,960 64 2,030 78 2,110 70 8,180 84 4,530 79	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 8,970 87 Wilson 2,550 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Young 5,260 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76 King George 1.750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89 1,900 86 1,960 88 6,730 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Gilmer 1,890 84 Grant 1,660 76 Greenbrier 7,940 86 Hampshire 2,470 75	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,420 90 3,160 89 1,740 87 2,020 92 8,100 88 2,930 89
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 88 900 69 2.030 78 2.110 70 8.110 70 8.30 75 8.30 75 8.30 75	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 2,650 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 89	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89 1,900 86 1,960 88 6,730 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 13 Gilmer 1,890 84 Grant 1,660 76 Greenbrier 7,940 86 Hampshire 4,794 86 Hampshire 9,250 79 1 Hardy 1,800 72 Harrison 21,190 93 2	9,660 95 5,940 86 8,030 97 0,100 91 1,720 86 2,420 90 1,700 90 1,700 90 1,740 87 2,020 92 8,100 88 1,120 95 1,120 95 1,120 95 1,120 95
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Llano Loving	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 88 900 69 2.030 78 2.110 70 8.110 70 8.30 75 8.30 75 8.30 75	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 2,950 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5.360 96 4,930 91 2.570 95 5,550 94 820 82 2,520 90 2,730.080 92	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 78 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 89 Nansemond 10,490 85 Nelson 2,460 77	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,960 89 6,730 87 1,650 87 10,360 89 10,740 87 2,750 86	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 13 Grant 1,680 76 Greenbrier 7,940 86 Grant 6,660 79 Hardy 1,800 72 Hardy 1,800 72 Hardy 1,800 72 Harrison 21,190 93 2 Jackson 4,980 91	9,660 95 5,940 86 8,030 97 0,100 91 1,720 86 2,420 90 1,700 90 1,740 87 2,020 92 8,100 88 2,930 89 1,120 95 1,1500 94 1,500 94
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Llano Loving Lubbock Lynn McCulloch	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 88 900 69 2.030 78 2.110 70 8.110 70 8.30 75 8.30 75 8.30 75	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 2,650 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92	Isle of Wight James City 4,000 87 King and Queen Lito 76 King George 1.750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 89 Nansemond 10,490 85 Nelson 2,460 77 New Kent 930 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 85 2,840 89 1,900 86 1,960 86 1,960 87 1,650 87 10,360 89 10,740 87 2,750 87 52,860 90	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Grilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Greenbrier 2,470 75 Hancok 9,250 79 1 Hardy 1,800 72 Harrison 21,190 93 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85	9,660 95 5,940 86 8,030 97 0,100 91 1,720 86 2,420 90 1,700 90 1,740 87 2,020 92 8,100 88 2,930 89 1,120 95 1,1500 94 1,500 94
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Leo Liberty Limestone Lipscomb Live Oak Liano Loving Lubbock Lynn McCulloch McLennan McMullen Madison	830 64 130 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 3.960 64 2.030 78 2.110 70 1.550 81 1.550 81 1.550 81 1.550 82 1.550 81 1.550 80 1.330 79 43,370 91 43,330 83	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 2,650 78 Winkler 3,820 89 Wise 5,070 94 Wise 5,070 94 Wood 4,540 84 Yoakum 2,520 93 Zapata 5,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Cache 9,160 91 Carbon 4,890 89 Daggett 17,700 97 Duchesne 1,350 90 Emery 1,350 90 Garfield 6,064 64 640 644	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5.360 96 4,930 91 2.570 95 5.550 94 820 82 2,520 90 2,730.080 92 1.140 95 6.850 97 9,900 98 4,980 91 280 93 17.700 97 1.610 95 1,320 88 920 92	Isle of Wight James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 87 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 85 Nelson 2,460 77 New Kent 930 85 Newport News Norfolk 128,200 92 Northampton 3,900 80 Northumberland	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89 1,900 86 1,960 87 10,360 89 10,740 87 2,750 86 10,740 87 2,750 86 52,860 90 124,510 89 4,190 86	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 Grant 1,660 76 Greenbrier 1,660 76 Greenbrier 1,600 76 Hancock 9,250 79 Hardy 1,800 72 Harrison 21,190 93 2 Jackson 4,980 91 Jefferson 4,720 89 Kanawha 68,350 92 Lewis 4,320 85 Lincoln 1,250 90 1	9,660 95 5,940 86 3,990 84 8,030 97 0,100 91 1,720 86 2,420 90 1,770 90 3,160 89 1,740 87 2,020 92 8,100 95 2,350 94 1,120 95 2,350 94 4,170 90 8,730 93 4,110 86 1,4740 83
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Llano Loving Lubbock Lvnn McCulloch McLennan McMullen Madison Martin	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 740 88 900 69 2.030 78 2.110 70 830 75 1.560 82 1.550 81 1.550 81 1.980 70 43,370 91 43,370 91 43,370 91 43,370 93 1.420 70	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 87	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 87 Williamson 8,970 87 Wilson 2,520 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Young 5,260 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 1,700 97 1,610 95 1,320 88 920 92 2,040 93 2,920 97 1,190 99	Isle of Wight 3,840 85 James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 89 Nansemond 10,490 85 Nelson 2,460 71 New Kent 930 85 Newport News 54,450 93 Norfolk 128,200 92 Northampton 3,900 80 Northumberland 2,460 85 Nottoway 3,480 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 85 2,840 89 1,900 86 1,960 86 1,960 87 10,740 87 2,750 86 960 87 52,860 90 124,510 89 4,190 86 2,610 90 3,460 84	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 Grant 1,660 76 Greenbrier 1,660 76 Greenbrier 4,470 75 Hancock 9,250 79 1 Hardy 1,800 72 Harrison 21,190 93 2 Jackson 4,980 91 Jefferson 4,720 89 Kanawha 68,350 92 Kanawha 68,350 92 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 12,350 89 1 McDowell 13,360 38 1 Marion 17,250 90 1 Marshall 10,060 93 1	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 90 3,160 89 1,1740 87 2,020 92 8,100 88 8,100 88 8,100 88 1,120 95 1,120 95
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Leon Liberty Limestone Lipscomb Live Oak Liano Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Matagorda Maverick	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 3.960 64 2.030 78 2.110 70 8.180 84 4.530 75 1.560 82 1.550 81 2.00 100 45,630 93 2.780 90 1.980 70 43,370 91 330 83 1.730 79 1.720 66 6.530 83 1.980 55	1,260 97 190 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 97 1,040 94 1,820 96 1,040 94 2,860 92 2,570 92 43,990 93 380 96 1,610 87 1,280 96	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 87 Williamson 8,970 87 Wilson 2,520 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Young 5,260 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 1,700 97 1,610 95 1,320 88 920 92 2,040 93 2,920 97 1,190 99	Isle of Wight James City 4,000 87 King and Queen 1,140 76 King George 1,750 88 King William 1,730 87 Lancaster 2,250 83 Lee 4,320 76 Loudoun 6,110 87 Louisa 2,590 76 Lunenburg 2,610 82 Madison 1,650 75 Mathews 1,830 83 Mecklenburg 6,220 81 Middlesex 1,580 83 Montgomery 10,340 83 Nonsemond 10,490 85 Nelson 2,460 77 New Kent 930 85 Newport News Norfolk 128,200 92 Northampton 3,900 80 Northumberland 2,460 85 Nottoway 3,480 85 Orange 2,810 78 Page 3,820 85 Patrick 3,210 78	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,900 86 1,900 86 1,900 86 1,900 89 6,730 87 1,650 89 10,740 87 2,750 86 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 87 3,870 86	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 Grant 1,660 76 Greenbrier 1,660 76 Greenbrier 2,470 75 Hancock 9,250 79 1 Hardy 1,800 72 Harrison 21,190 93 2 Jackson 4,980 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Logan 13,360 88 1 McDowell 13,360 88 1 Marion 17,250 90 1 Marshall 10,060 93 Marshall 10,060 93 Marshall 10,060 93 Mercer 16,770 91 1 Mineral 5,350 84 Mingo 7,500 83	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,420 90 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,750 90 1,760 94 1,750 90 1,760 90 1,760 90 1,770 90 1,770 90 1,770 90 1,770 90 1,770 90 1,750 90 1,7
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Liano Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Maverick Medinar Medinar	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 64 2.030 78 8.180 84 4.530 75 1.560 81 200 100 1.980 70 43,370 91 330 83 2.780 90 1.980 70 1.730 79 1.730 79 1.73	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 98	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 32,540 77 Williamson 2,550 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 1,790 99 660 94 1,730 91 7,90 99 660 94 1,730 91 7,90 99 8360 99	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89 1,960 86 1,960 87 1,650 87 1,650 87 10,360 89 10,740 87 2,750 86 960 87 52,860 90 124,510 89 4,190 86 2,610 90 3,460 87 2,610 90 3,460 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Gilmer 1,890 84 Grant 1,890 84 Grant 1,890 86 Greenbrier 7,940 86 Greenbrier 7,940 86 Greenbrier 7,940 86 Hancock 9,250 79 1 Hardy 1,800 72 Harrison 21,190 93 2 Jackson 4,980 91 Jackson 4,980 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Logan 12,350 89 1 Marion 17,250 90 1 Marshall 10,060 93 1 Mason 6,080 92 Mercer 16,770 91 1 Mineral 5,350 84 Mingo 7,500 83 Monongalia 1,370 86 1	9,660 95 5940 86 5,940 86 5,940 86 5,940 86 5,940 86 5,940 86 5,940 86 5,940 86 5,940 86 5,1700 90 1,7700 80 1,7700 80 1,7700 80 1,740 87 2,020 92 8,120 95 2,335 94 1,120 95 2,335 94 1,120 95 4,730 93 4,710 86 1,540 84 1,540 84 1,540 93 1,120 86 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,540 91 1,550 91
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leeon Liberty Limestone Lipscomb Live Oak Llano Loving Lubbock Lvnn McCulloch McLennan McMullen Madison Martion Marson Matagorda Maverick Medina	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 72 6.120 72 6.120 78 2.110 70 8.180 84 4.530 75 1.560 82 1.550 81 2.00 100 45.630 93 2.780 90 1.980 70 43.370 91 1.280 91	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 93 6,300 93 1,390 93 6,300 93	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 32,540 77 Williamson 2,550 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 1,730 97 1,190 99 660 94 1,730 91 7,90 98 360 91 490 98 360 91 490 98	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,960 89 6,730 87 1,650 89 10,740 87 2,750 86 960 87 52,860 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 84 3,140 84 3,140 84 3,620 88 3,620 88 3,570 86 3,620 88	Berkeley 9,330 91	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,420 90 1,770 86 2,420 90 1,770 90 3,160 89 1,740 87 2,020 92 8,100 88 2,930 89 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 87 1,740 93 1,740 93 1,750 90 1,770 90 1,770 90 1,770 91 1,550 84 1,750 80 1,770 81 1,550 84 1,550 89 1,5
Kimble Kinng Kinney Kleberg Knox Lamar Lamar Lamb Lampasas La Salle Lee Leon Liberty Limestone Lipscomb Live Oak Lisno Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Millam Millam Millam Millan Mills Mitchell Montague	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 71 2.740 88 900 69 2.910 78 2.110 70 8.180 84 4.530 75 1.560 82 1.550 81 200 100 45,630 83 2.780 90 1.980 70 43,370 91 330 83 1.730 79 1.280 66 6.530 87 1.730 79 1.280 66 6.530 83 410 51 19,350 93 5.540 93 5.544 93	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 4,630 98 4,630 98 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 1,940 93 4,630 93 6,300 91 1,390 99 2,760 99 2,760 99 2,760 99	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 84 Williamson 8,970 84 Williamson 8,970 86 Wise 5,070 90 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 5,30 53 Zavala 1,700 61 State total 2,640,790 89 UTAH	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 95 5,550 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 1,730 97 1,190 99 660 94 1,730 91 7,90 98 360 91 490 98 360 91 490 98	Isle of Wight 3,840 85 James City 4,000 87 King and Queen	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 1,980 85 3,030 89 1,900 86 1,960 87 10,360 89 10,740 87 2,750 86 2,860 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 87 3,870 86 3,620 88 1,280 91 3,160 88 11,280 91	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 11 Gilmer 1,890 84 Grant 1,660 76 Greenbrier 7,940 86 Hampshire 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Logan 12,350 89 1 McDowell 13,360 88 1 McDowell 13,360 88 1 Marion 17,250 90 11 Marshall 10,060 93 10 Monroe 2,240 77 Morora 2,240 77 Morora 2,240 77 Morora 2,240 77 Morora 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 20 Pendleton 1,530 76 Pleasants 1,840 88	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 90 3,160 89 1,1740 87 1,1740 87 1,1740 89 1,1740 91 1,1
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Llano Loving Lubbock Lvnn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Mills Midland Millam Mills Mintchell Montague Moore	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 2.740 88 900 64 2.030 78 8.180 84 4.530 75 1.560 81 2.00 100 2.780 90 2.780 90 43,370 91 330 83 2.780 90 43,370 91 330 83 1,980 55 4,130 83 1,980 55 4,130 83 1,980 55 4,130 83 1,980 55 4,140 51 19,350 93 1,980 70 1,980 95 4,140 89 1,980 70 1,980 70 1,980 70 1,980 70 1,980 95 4,140 89 1,980 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83 1,990 78 2,930 83	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 94 1,310 95 1,310 85 1,310 85 1,310 85 1,310 87 1,280 92 1,660 93 4,630 93 6,300 94 2,760 93 4,660 93 7,260 88	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 8,970 87 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 5,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,890 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 90 Kane 380 54 Morgan 650 82 Piute 340 84 Millard 1,690 89 Morgan 650 82 Piute 340 84 Salt Lake 112,860 95 San Juan 1,670 67 Sanpete 2,580 92 Summit 1,390 93 Tooele 4,790 96 Uintah 2,410 83	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5.560 96 4,930 91 2.570 95 5.550 94 820 82 2,520 90 2,730.080 92 1.140 95 6.850 97 9,900 98 4,980 91 280 93 17.700 97 1.610 95 1,320 88 920 92 2,040 93 2,920 97 1,190 99 660 91 4,730 91 1,730 91 1,730 91 1,730 91 1,730 91 1,730 91 1,730 91 1,730 91 1,730 91 1,26,630 94 1,2630 94 1,400 93 4,600 93 4,600 93 4,600 93 4,600 93 4,600 93 4,600 93 4,600 92 2,6670 92	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 2,840 89 1,900 86 1,960 87 10,360 87 10,360 89 10,740 87 2,750 86 1,960 87 52,860 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 87 3,870 86 2,610 90 3,460 84 3,140 87 3,870 86 2,610 90 3,460 84 3,140 87 3,870 86 2,610 90 3,460 88 25,340 88 1,280 91 3,160 88	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 11 Gilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Grant 1,660 76 Greenbrier 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Logan 12,350 89 1 McDowell 13,360 88 1 McDowell 13,360 88 1 Marion 17,250 90 11 Marshall 10,060 93 Monongalia 13,270 86 Monroe 2,240 77 Morgan 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 Pendleton 1,530 76 Pleasants 1,800 71 Preston 5,670 82	9,660 95 5940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 90 3,160 87 1,740 87 2,020 92 8,100 88 1,1740 87 2,020 92 8,100 88 1,1740 87 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 95 1,120 94 1,1500 94 1,1500 94 1,1500 94 1,1500 94 1,1500 94 1,1500 94 1,1500 90 1,100 94 1,1500 90 1,100 94 1
Kimble Kinng Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Lisno Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Millam Midland Millam Montague Montgome Moorte Moorte Moorts Motley Nacogdoch	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 2.910 70 8.180 84 4.530 75 1.560 82 1.550 81 200 100 45,30 90 1.980 70 43,370 91 330 83 2.780 90 1.980 70 43,370 91 1.720 66 6.530 83 410 51 19,350 93 5.540 80 1.980 55 4.130 83 5.540 80 1.980 55 4.130 83 5.540 80 6.530 83 3.920 93 3.480 87 480 69 es 6.560 79	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 91 1,390 99 2,760 93 4,660 93 7,260 88 3,940 94 3,560 89 680 97 7,530 91	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 8,970 87 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 5,30 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,980 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 81 Emery 1,350 81 Emery 1,350 80 Garfield 640 64 Grand 1,480 67 Juab 1,080 90 Kane 380 54 Millard 1,690 89 Morgan 650 82 Piute 340 84 Rich 420 85 Sant Lake 112,860 95 Sant Juan 1,670 67 Sanpete 2,780 90 Uintah 2,410 83 Utah 27,740 93 Wasatch 1,310 87	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 17,700 97 1,190 99 660 94 1,730 91 7,790 98 360 91 490 98 112,840 95 2,120 85 2,820 91 2,630 94 1,400 93 4,600 92 28,130 95 1,480 99	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 1,980 85 3,030 89 1,900 86 1,960 87 10,360 89 10,740 87 2,750 86 2,860 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 87 3,870 86 3,620 88 1,280 91 3,160 88 11,880 91 27,470 93 12,250 89 6,390 89	Berkeley 9,330 91	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 80 1,1700 80 1,1740 87 1,
Kimble King Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Llano Loving Lubbock Lvnn McCulloch McLennan Marion Marion Marion Marion Marion Mardina Menard Midland Millam Millam Millam Millam Millam Millam Millam Millam Montague Montague Montague Montague Monris Moreley	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 2.030 78 8.180 84 4.530 75 1.560 82 1.550 81 200 100 45,630 93 2.780 90 1.980 70 4.330 93 2.780 90 1.980 70 4.330 83 1.720 66 6.530 83 410 51 19.350 93 5.540 80 1.980 70 4.130 83 5.540 80 1.980 70 4.130 83 5.540 80 1.980 70 8.160 65 8.392 93 8.480 87 9.160 65 9.160 65 9.160 85	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 87 1,280 95 1,910 87 1,280 93 6,930 88 3,220 89 4,630 93 6,300 91 1,300 91 1,300 91 1,300 99 2,760 92 4,660 93 7,260 88 3,940 94 3,560 89 680 97 7,530 91 2,150 77	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 87 Williamson 2,550 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,980 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 90 Carbon 4,890 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 90 Kane 380 54 Willard 1,670 67 San Juan 2,770 97 Summit 1,390 93 Tooele 2,780 90 Uintah 2,410 83 Utah 27,740 93 Washington 2,100 75 Weber 32,020 95	36,280 93 5.110 95 4.030 88 9,500 92 3,090 91 3,910 91 5.560 96 4,930 91 2.570 94 820 82 2,520 90 2,730.080 92 1.140 95 6.850 97 9,900 98 4,980 91 280 93 17.700 97 1.610 95 1,320 88 920 92 2,040 93 2,920 97 1.190 99 660 94 1,730 91 7,90 98 12,840 95 2,120 85 2,820 91 2,630 94 1,400 93 4,600 92 28,130 95 1,480 99 2,6670 92 28,130 93 4,600 92 28,130 95 1,480 99 2,6670 92 28,130 95 1,480 99 2,6670 92 28,130 95 1,480 99 2,6670 92 28,130 95 1,480 99 2,6670 92 28,130 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93 4,000 93	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,960 89 6,730 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,360 89 10,740 87 2,750 86 3,620 88 1,280 91 3,160 88 11,280 91 3,160 88 11,880 91 27,470 93 12,250 89 6,390 89 1,130 87 1,490 83 11,20 87 1,490 83 11,30 87 1,490 83 11,30 87 1,490 83	Berkeley 9,330 91	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 80 1,1700 80 1,1700 80 1,1700 80 1,1740 87 2,020 92 8,100 88 1,100 88 1,100 88 1,100 88 1,100 88 1,100 88 1,100 88 1,100 88 1,100 88 1,100 89 1,100 80 1,100
Kimble Kinng Kinney Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Leon Liberty Limestone Lipscomb Live Oak Lisno Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Millam Midland Millam Millam Midland Millam Millam Mitchell Montague Montgome Moore Moore Moore Morris Motley Nacogdoch Navarro Newton Nolan Nueces Ochiltree	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 2.930 78 1.10 70 8.180 84 4.530 75 1.560 82 1.550 81 200 100 45,630 80 1.980 70 43,370 91 330 83 1.720 66 6.530 80 1.980 70 1.98	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 91 1,300 91 1,280 93 7,260 88 3,940 94 3,560 89 680 97 7,530 91 2,150 77 5,580 93	Wichita 36,980 95 Wilbarger 5,070 94 Willacy 3,540 77 Williamson 8,970 82 Wise 5,070 94 Wise 5,070 90 Wise 5,070 90 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,880 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 90 Carhon 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 99 Kane 330 54 Morgan 650 82 Find 420 85 Salt Lake 112,860 95 Salt Lake 112,860 95 San Juan 1,670 67 Sanpete 2,780 90 Summit 1,390 93 Tooele 4,790 96 Uintah 2,410 83 Wasatch 27,740 93 Washington Wayne 460 91 Weber 32,020 95 State total 243,520 93	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,220 88 920 92 2,040 93 2,920 97 1,190 99 1,630 94 1,730 91 790 98 112,840 95 2,120 85 2,250 91 4,90 98 112,840 95 1,480 99 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 92 2,670 93 4,600 99 2,660 99 2,660 99 2,660 99 2,660 99 2,6610 93 4,70 94	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,900 86 1,960 89 6,730 87 1,650 86 960 87 52,860 90 124,510 89 4,190 86 2,610 90 3,460 84 3,140 87 3,870 86 3,620 88 1,280 91 3,160 88 11,880 91 27,470 93 12,250 89 1,130 87 1,490 83 48,300 92 7,010 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Grilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Grant 1,660 76 Greenbrier 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jackson 4,800 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Marshall 10,060 93 Monongalia 13,270 86 Mingo 7,500 83 Monongalia 13,270 86 Monroe 2,240 77 Morgan 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 Pendleton 1,530 76 Pleasants 1,800 71 Preston Pleasants 1,900 71 Preston Putnam 6,010 91 Randolph 5,540 82 Ritchie 2,370 76 Roane 3,200 80 Summers 3,040 78 Taylor 78 Tucker 1,490 78	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 80 1,1700 80 1,1700 80 1,1700 90 1,1700 80 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 91 1,1800 81
Kimble Kinng Kinney Kleberg Knox Lamar Lamb Lampasas La Salle Lavaca Lee Leon Liberty Limestone Lipscomb Live Oak Liano Loving Lubbock Lvnn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Mills Mitchell Montague Montgome Morris Morris Morris Morris Morris Morris Morris Morris Morris Mortague Morris Morley Nacogdoch Navarro Newton Nolan Nueces Ochiltree Oldham Orange	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 2.740 88 900 64 2.030 78 8.180 84 4.530 75 1.560 82 1.550 81 200 100 1.980 70 4.3370 91 330 83 1.780 91 720 66 6.530 80 1.980 70 1.980	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 91 1,390 93 4,630 93 6,300 91 1,390 99 2,760 92 4,660 93 7,260 88 3,940 94 3,560 89 7,530 91 9,760 90 2,150 77 5,580 90 3,030 95 7,400 90 3,030 95 57,400 90 3,030 93 57,400 90 3,030 93	Wichita 36,980 95 Wilbarger 5,070 94 Willamyon 3,540 77 Williamson 8,970 84 Wilson 2,650 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,890 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 99 Garfield 1,690 89 Morgan 650 82 Piute 340 84 Millard 1,690 89 Morgan 650 82 Piute 340 84 Rich 420 85 Salt Lake 11,2860 95 San Juan 1,670 67 Sanpete 2,590 92 Summit 1,390 96 Uintah 27,740 93 Wasatch 1,310 87 Washington 2,100 75 Wayne 460 91 Weber 3,2020 95 VERMONT	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 17,700 97 1,610 95 1,20 88 920 92 2,040 93 17,730 91 790 98 112,840 95 2,120 85 2,1	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,960 89 1,960 89 1,960 89 1,0360 89 1,0740 87 2,750 86 2,860 90 1,24,510 89 4,190 86 3,620 88 1,280 91 3,160 88 11,380 91 27,470 93 12,250 89 6,390 89 1,130 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,550 86 5,650 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Grilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Grant 1,660 76 Greenbrier 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jackson 4,800 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Marshall 10,060 93 Monongalia 13,270 86 Mingo 7,500 83 Monongalia 13,270 86 Monroe 2,240 77 Morgan 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 Pendleton 1,530 76 Pleasants 1,800 71 Preston Pleasants 1,900 71 Preston Putnam 6,010 91 Randolph 5,540 82 Ritchie 2,370 76 Roane 3,200 80 Summers 3,040 78 Taylor 78 Tucker 1,490 78	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 80 1,1700 80 1,1700 80 1,1700 90 1,1700 80 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 91 1,1800 81
Kimble Kinng Kinney Kinney Kleberg Knox Lamar Lamab Lamar Lamb Lampasas La Salle Leon Liberty Limestone Lipscomb Live Oak Lisno Loving Lubbock Lynn McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Martin Mills Mitchell Montague Montgome Morris Mortgome Morris Mortgome Morris Motley Nacogdoch Navarro Newton Nolan Nueces Ochiltree Oldham Orange Palo Pinto Panola Parker	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 6.120 91 2.740 88 900 69 2.930 78 2.110 70 8.180 84 4.530 75 1.560 82 1.550 81 200 100 45.630 93 2.780 90 1.980 70 43.370 91 2.330 83 1.420 90 1.980 70 6.530 83 1.410 51 19.350 93 5.540 80 1.980 70 2.840 87 4.840 87 480 89 6.560 79 9.160 85 2.040 73 3.920 93 5.7130 90 2.840 89 440 88 16.700 92 440 88 16.700 92 440 88 16.700 86 3.840 89 440 88 16.700 86 3.840 89	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 6,300 94 2,990 97 1,140 88 5,780 93 2,510 84 8,570 88 5,140 90 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 85 1,910 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 93 6,300 91 1,390 99 2,760 93 4,630 93 6,300 91 1,390 99 2,760 98 19,400 93 6,300 91 1,390 99 2,760 98 19,400 93 6,300 97 7,5580 93 57,400 90 2,150 77 5,580 93 57,400 90 2,150 97 7,5580 93 57,400 90 2,150 97 7,5580 93 57,400 90 2,150 97 7,5580 93 57,400 90 2,150 97 7,5580 93 57,400 90 2,150 97 5,580 93 57,400 90 2,150 97 5,580 93 57,400 90 2,150 97 5,580 93 57,400 90 2,150 97 5,580 93 57,400 90 3,030 95 4,70 93 4,150 88 6,900 93	Wichita 36,980 95 Wilbarger 5,070 94 Williamson 8,970 8,540 77 Williamson 8,970 8,500 78 Winkler 3,820 89 Wise 5,070 90 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 93 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Carbon 4,880 89 Daggett 190 64 Davis 17,700 97 Duchesne 1,380 81 Emery 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 90 Kane 380 54 Millard 1,690 89 Morgan 650 82 Salt Lake 112,860 95 Salt Lake 112,860 95 Salt Lake 112,860 95 Salt Lake 12,860 95 Summit 1,390 90 Uintah 2,410 83 Utah 27,740 97 Washington 2,100 75 Wayne 460 91 Weber 32,020 95 State total 243,520 93 VERMONT Addison 4,680 90 Bennington 6,280 92	36,280 93 5,110 95 4,030 88 9,500 92 3,090 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 17,700 97 1,610 95 1,280 93 17,700 97 1,190 99 660 94 1,730 91 7,90 98 360 91 490 98 112,840 95 2,120 85 2,120 85 2,120 85 2,120 91 1,400 93 4,601 93 4,601 93 4,720 91 7,080 94 4,720 91 7,080 94 6,410 94 6,410 94	Isle of Wight 3,840 85 James City 4,000 87 King and Queen	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,900 86 1,960 89 6,730 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 87 1,650 88 1,280 91 2,740 88 1,280 91 3,160 88 1,280 91 3,160 88 11,880 91 27,470 93 12,250 89 6,390 89 1,130 87 1,490 83 4,300 92 7,010 87 13,940 92 5,500 86 5,650 87 5,590 84	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Grilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Grant 1,660 76 Greenbrier 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jackson 4,800 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Marshall 10,060 93 Monongalia 13,270 86 Mingo 7,500 83 Monongalia 13,270 86 Monroe 2,240 77 Morgan 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 Pendleton 1,530 76 Pleasants 1,800 71 Preston Pleasants 1,900 71 Preston Putnam 6,010 91 Randolph 5,540 82 Ritchie 2,370 76 Roane 3,200 80 Summers 3,040 78 Taylor 78 Tucker 1,490 78	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 80 1,1700 80 1,1700 80 1,1700 90 1,1700 80 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 90 1,1700 91 1,1800 81
Kimble King Kinney Kinney Kleberg Knox Lamar Lamb Lamar Lasalle Lavaca Lee Leeon Liberty Limestone Lipscomb Live Oak Liann McCulloch McLennan McCulloch McLennan McMullen Madison Martin Mason Martin Mason Martin Mason Matagorda Maverick Medina Menard Mills Mitchell Montague Montague Monris Morris Motley Nacogdoch Navarro Newton Nolan Nueces Ochiltree	830 64 150 74 380 55 6.860 86 1.830 83 7.750 72 2.740 88 900 64 2.030 78 8.180 84 4.530 75 1.560 81 2.00 100 2.780 90 1.980 70 43.370 91 330 83 2.780 90 43.370 91 330 83 1.980 55 4.130 83 1.980 55 4.130 83 1.980 55 4.140 89 77 6,930 83 3.480 87 9.160 79	1,260 97 199 93 640 92 7,080 89 2,060 94 9,990 93 1,140 88 5,780 93 2,510 97 2,510 84 8,570 88 5,140 99 1,040 94 1,820 96 1,810 95 200 100 46,300 94 2,860 92 2,570 92 43,990 93 380 96 1,610 87 1,280 92 1,060 96 6,930 88 3,220 89 4,630 91 1,390 93 4,630 91 1,390 93 7,260 88 3,940 94 3,560 89 7,530 91 9,760 90 2,150 77 5,580 93 7,260 88 3,940 94 3,560 89 7,530 91 9,760 90 2,150 77 5,580 93 16,220 90 6,670 93 16,220 90 6,670 93 4,150 88	Wichita 36,980 95 Wilbarger 5,070 94 Willamyon 3,540 77 Williamson 8,970 84 Wilson 2,650 78 Winkler 3,820 89 Wise 5,070 90 Wood 4,540 84 Yoakum 2,520 89 Zapata 530 53 Zavala 1,700 61 State total 2,640,790 89 UTAH Beaver 1,060 88 Box Elder 6,760 95 Cache 9,160 91 Carbon 4,890 89 Dagget 190 64 Davis 17,700 97 Duchesne 1,380 81 Emery 1,350 90 Garfield 640 64 Grand 1,480 67 Iron 2,230 74 Juab 1,080 93 Garfield 1,680 89 Morgan 650 82 Piute 340 84 Rich 340 84 Rich 420 85 San Juan 1,670 67 Sanpete 2,780 90 Sevier 2,580 92 Summit 1,390 93 Tooele 4,790 96 Uintah 27,740 93 Wasatch 1,310 87 Washington 4,680 90 Weber 32,020 95 VERMONT Addison 4,680 90 Bennington 6,810 91	36,280 93 5,110 95 4,030 88 9,500 91 3,910 91 5,360 96 4,930 91 2,570 94 820 82 2,520 90 2,730,080 92 1,140 95 6,850 97 9,900 98 4,980 91 280 93 17,700 97 1,610 95 1,320 88 920 92 2,040 93 17,700 97 1,610 95 1,20 88 920 92 2,040 93 17,730 91 790 98 112,840 95 2,120 85 2,1	Isle of Wight 3,840 85	3,780 84 3,840 83 1,180 78 1,710 85 1,700 85 1,700 85 2,350 87 4,870 86 5,980 85 3,030 89 1,960 89 1,960 89 1,960 89 1,0360 89 1,0740 87 2,750 86 2,860 90 1,24,510 89 4,190 86 3,620 88 1,280 91 3,160 88 11,380 91 27,470 93 12,250 89 6,390 89 1,130 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 92 7,010 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,130 87 1,490 83 4,830 99 1,550 86 5,650 87	Berkeley 9,330 91 Boone 6,110 89 Braxton 2,660 72 Brooke 7,920 95 Cabell 30,670 93 3 Calhoun 1,560 78 Clay 2,100 78 Doddridge 1,540 81 Fayette 13,170 89 1 Grilmer 1,890 84 Grant 1,660 76 Greenbrier 1,890 84 Grant 1,660 76 Greenbrier 2,470 75 Hardy 1,800 72 Harrison 21,190 93 Jackson 4,800 91 Jefferson 4,720 89 Kanawha 68,350 92 6 Lewis 4,320 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Lincoln 4,090 85 Marshall 10,060 93 Monongalia 13,270 86 Mingo 7,500 83 Monongalia 13,270 86 Monroe 2,240 77 Morgan 2,100 84 Nicholas 5,370 84 Ohio 20,190 94 Pendleton 1,530 76 Pleasants 1,800 71 Preston Pleasants 1,900 71 Preston Putnam 6,010 91 Randolph 5,540 82 Ritchie 2,370 76 Roane 3,200 80 Summers 3,040 78 Taylor 78 Tucker 1,490 78	9,660 95 5,940 86 3,090 84 8,030 97 0,100 91 1,720 86 2,2420 90 1,1700 90 3,160 89 1,1740 87 2,020 92 8,1740 87 1,1740 87 1,1720 95 2,350 94 1,150 94 4,750 90 4,4750 90 4,4750 90 4,4750 90 4,4750 90 4,4750 90 4,4750 90 4,4750 90 1,1850 82 1,1860 88 1,1860 89 1,1860 89 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 94 1,1860 88 1,1860 93

NIELSEN RADIO-TV HOMES continued

County	TV Homes	%	Radio Homes	%	County	TV Homes	%	Radio Homes	%
WISCONSIN					Forest Grant Green	1,680 11,450 7,340		1,790 12,260 7,720	90 97 98
Adams Ashland Barron	2,080 4,540 9,100		2,230 4,720 9,610	93 96 96	Green Lak Iowa Iron		92	4,780 5,170 2,470	98 96 99
Bayfield Brown	3,140 35,040		3,300 35,130 3,900	97 97 95	Jackson Jefferson	3,960 14,850		4,310 15,240 4,700	98 98 92
Buffalo Burnett Calumet	3,750 2,480 5,960	88 95	2,680 6,050	96 96	Juneau Kenosha Kewaunee	4,360 30,690 4,850	96 95	30,660 4,890	96 96
Chippewa Clark Columbia	11,460 7,750 10,450	95 89 93	11,700 8,330 10,960	97 96 98	La Crosse Lafayette Langlade	20,630 4,590 5,090	93	21,100 4,880 5,370	98 98 98
Crawford Dane Dodge	3,940 63,630 17,230	94	4,140 66,830 18,030	96 98 98	Lincoln Manitowoc Marathon	6,250 21,720 24,760	97 96	6,360 21,950 25,160	96 98 98
Door Douglas Dunn	5,820 13,620 6,600	95 95 92	6,010 13,830 6,790		Marinette Marquette Milwaukee	9,750 2,340 316,510	96 87 96	9,670 2,590 322,300	96 96 97
Eau Claire Florence Fond Du I	910	94 91	16,960 1,000		Monroe Oconto Oneida	7,650 6,430 5,930		8,030 6,440 6,290	97 93 95
	20,590	94	21,120	97	Outagamie	28,130		28,380	98

ı	TV		Radio	ı	TV		Radio	
County I	Iomes	%	Homes %	County 1	Homes	%	Homes	%
Ozaukee	11,260	95	11,560 98	WYOMING				
Pepin	1,800	90	1,890 95	W Coming				
Pierce		94	6,180 97	Albany	5,190		6,160	96
Polk	7.080	94	7.090 95	Big Horn	2,620	82	3,020	95
Portage	9.720	94	9.910 96	Campbell	1,470	78	1,820	96
Price	3,590	85	4,010 95	Carbon	3,700	82	4,280	95
Racine		97	42,450 97	Converse	1,690	84	1,950	97
Richland	4,390	90	4,800 98	Crook	1,020		1,340	96
Rock	34,540	96	34,870 97	Fremont	6.830		7,300	95
Rusk	3,550	89	3,800 95	Goshen	3,240	90	3,500	97
St. Croix		95	8,220 97	Hot Spring	s 1,700	81	2,030	97
Sauk		92	10,000 96	Johnson	1,350		1,620	96
Sawyer		86	2,670 96	Laramie	18,140	94	18,530	96
Shawano		94	8,930 94	Lincoln	1,990	80	2.220	89
Sheboygan		96	26,540 98	Natrona	15.380	92	15,940	95
Taylor		90	4,560 95	Niobrara	990	83	1,120	93
Trempealeau		89	6.540 96	Park	4.130	81	4,930	97
Vernon	6,580	90	7,120 98	Platte	1,790	78	2,190	95
Vilas		89	2,800 93	Sheridan	4,670	78		98
Walworth		95	15,830 97	Sublette	910		1,110	93
Washburn		92	2,960 96	Sweetwater	4.400	85	4,950	95
Washington		96	13,550 98	Teton	820	82	900	90
Waukesha		97	47,630 98	Uinta	1,700	85	1,920	96
Waupaca	10,100	95	10,290 97	Washakie	2,270	87	2,480	95
Waushara		91	4,040 94	Weston	1.880		2,310	96
Winnebago		97	32,110 97	Yellowstne		_	.,	
Wood		95	16,750 97		60	60	100 1	100
State total 1			1.162,930 97	State total	87,940	86	97,620	95

BOOK NOTES

"It Sounds Impossible," by Sam J. Slate and Joe Cook. The Macmillan Co., 60 Fifth Avenue, New York 11. \$6.95. 270 pp.

Mr. Slate, vice president of CBS Radio and general manager of wcbs New York, and Mr. Cook, program director of wcbs, have presented a history of radio—from its first transmissions in 1901 through its adjustment to TV—along with an educated guess about the

future. The authors discuss their experiences and specialized knowledge and introduce many great personalities, anecdotes and legends.

Milestones discussed in It Sounds Impossible include: Enrico Caruso's first performance before a microphone (1910); KDKA's broadcast of the Harding-Cox presidential election returns (1920); and the birth of the commercial (1922).

"The Madison Avenue Handbook," edited and published by Peter Glenn Publications Ltd., 444 East 52d Street, New York 22. \$4.95. 500 pp.

The sixth annual edition of the handbook is presented in a new format, opening into two separate sections, with a directory on one side and a diary on the other. The directory has divisions covering New York, Chicago, Detroit, San Francisco, Los Angeles and several cities in Florida. Most of the directory space, however, is devoted to New York, and there are separate sections on advertising agencies, art studios, photographers, fashion houses, prop suppliers, publications, public relations firms and talent agents. There is also a large section on TV, and several other sections deal with various areas of entertainment.

The 1964 edition has an international section dealing with London, Paris, Rome and Cairo.

"Space Law and Government" by Andrew G. Haley. Appleton-Century-Croft, New York. \$15. 432 pp. plus appendix and index.

Andrew G. Haley, Washington communications and space lawyer, has coined a new Golden Rule: "Do unto others as they would have done to them." The adage is expressed in Mr. Haley's newest book and expresses his attitude toward "sapient beings different in kind that may be encountered on other planets or stars.

In essence, Mr. Haley urges the na-

tions of the Earth to formulate a law of space (Metalaw), before it is too late and we export our present laws, inconsistent as they are, to other worlds.

"This is my Story—This is my Song," by Tennessee Ernie Ford. Prentice-Hall Inc., Englewood Cliffs, N. J. \$3.95. 187

Folk singer and ABC-TV personality Tennessee Ernie Ford has written his autobiography, which traces his life from its start in the hills of Tennessee through his rise to stardom. The book has many photographs showing highlights of Mr. Ford's career.

"A Place to Live—the Yearbook of Agriculture 1963," available from the Department of Agriculture, Washington.

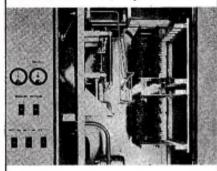
Although not specifically oriented to broadcasting, this publication, one of several agriculture yearbooks put out by the government, could be a considerable asset to a station's farm director. A Place to Live contains 79 chapters written by 92 writers, ranging from government employes to college professors. The yearbook's nine sections provide complete coverage of the aspects of rural living and agriculture.

"Four Days—The Historical Record of the Death of President Kennedy." United Press International-American Heritage Magazine. \$2-2.95. 144 pp.

A day-by-day account of the events surrounding President Kennedy's assassination in Dallas and Washington, the book contains 116 black and white pictures, 15 color photos and a 16-page appendix that includes official eulogies and excerpts from some of the late President's major addresses.

Radio, television and newspaper subscribers to UPI are eligible to sell the book to the public for a recommended price of \$2. A bookstore edition will be sold by Simon & Schuster for \$2.95.

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As compiled by BROADCASTING Dec. 5 through Dec. 11 and based on filings, authorizations and other actions of the FCC during that period.

This department includes data on new stations, changes in existing stations, ownership changes, hearing cases, rules and standards changes, routine roundup of other commission activity.

Abbreviations: DA—directional antenna. CP—construction permit. ERP—effective radiated power. VHF—very high frequency. UHF—ultra high frequency. ant.—antenna aur.—aural. vis.—visual. kw—kilowatts. w—watts. mc—megacycles. D—day. N—night. LS—local sunset. mod.—modification. trans.—transmitter. unl.—unlimited hours. kc—kilocycles. SCA—subsidiary communications authorization. SSA—special service authorization. STA—special temporary authorization. STA—special hours. *educational. Ann.—announced.

New TV stations

ACTIONS BY FCC

*Redding, Calif.—Northern California Educational Television Association Inc. Granted CP for new TV on VHF channel 9 (186-192 mc); ERP 31.19 kw vis., 15.59 kw aur. Ant. height above average terrain 3,576 feet, above ground 97 feet. Estimated construction cost \$123,817; first year operating cost \$71,073. Studio location Redding; translocation on Shasta Bally Mountain. Geographic coordinates 40° 38′ 08″ north latitude, 122° 39′ 00″ west longitude. Type trans. RCA TF-5A, type ant. RCA TF-6AH. Legal counsel Krieger & Jorgensen, Washington; consulting engineer Russell Pope, Chico, Calif. Oct. 10 initial decision looked toward grant. Action Nov. 29.

*San Jose, Calif.—Office of Education. Granted CP for new TV on UHF channel 54 (710-716 mc); ERP 25.10 kw vis., 13.50 kw aur. Ant. height above average terrain minus 30 feet, above ground 72 feet. P. O. address c/o Robert A. Mason, 2700 Carol Drive, San Jose. Estimated construction cost \$172,803; first year operating cost \$68,146. Studio and trans. locations both San Jose. Geographic coordinates 37° 17′ 18″ north latitude, 121° 51′ 50″ west longitude. Type trans. RCA TTU-1B, type ant. RCA TFU-27DH. Legal counsel Spencer Williams, consulting engineer John H. Atkinson, both San Jose. Principals: board of supervisors. Action Dec. 10.

APPLICATIONS

Chicago—Warner Bros. Pictures Inc. UHF channel 38 (614-620 mc); ERP 451 kw vis., 226 kw aur. Ant. height above average terrain 932 feet, above ground 949 feet. P. O. address c/o Howard Levinson, 666 Fifth Avenue, New York. Estimated construction cost \$,1486,397; first year operating cost \$800,000; revenue \$800,000. Studio and trans. locations both Chicago. Geographic coordinates 41° 53′ fe″ north latitude. 87° 37′ 45″ west longitude. Type trans. RCA TTU-25B, type ant. RCA TFU-30J. Legal counsel Fly. Shuebruk, Blume & Gaguine, New York; consulting engineer Lohnes & Culver, Washington. Warner Bros., motion picture firm, is owned by Jack L. Warner (23.6%) and others. Also see Fort Worth application for new TV. Ann. Dec. 5.

Fort Worth—Warner Bros. Pictures Inc. UHF channel 20 (506-512 mc); ERP 463.9 kw vis., 232 kw aur. Ant. height above average terrain 1,049 feet, above ground 1,123. P. O. address c/o Howard Levinson, 666 Fifth Avenue. New York. Estimated construction cost \$1,530,096; first year operating cost \$850,000; revenue \$850,000. Studio and trans. locations both Fort Worth. Geographic coordinates 32° 43′ 02″ north latitude, 97° 01′ 38″ west longitude. Type trans. RCA TTU-25B, type ant. RCA TFU-46K. Legal counsel Fly, Shuebruk, Blume and Gaguine, New York; consulting engineer Silliman, Moffet and Kowalski, Washington. For other information see Chicago application for new TV. Ann. Dec. 5.

New AM stations

ACTIONS BY FCC

ACTIONS BY FCC

Salina, Kan.—Salina Radio Inc. Granted CP for new AM on 910 kc, 500 w-D, DA. P. O. address c/o Sherwood R. Parks, 1968 Warner Road, Great Bend, Kan. Estimated construction cost \$56,230; first year operating cost \$69,000; revenue \$92,000. Owners are Sherwood R. Parks (55%) and others. Mr. Parks is sales manager, KVGB Great Bend, Kan. Commissioner Bartley dissented; Commissioners Lee and Cox not participating. Oct. 22 supplemental initial decision looked toward grant. Action Dec. 4.

Gouverneur, N. Y.—Genkar Inc. Granted CP for new AM on 1230 kc, 250 w. P. O. address 123 Main St., Gouverneur, N. Y. Estimated construction cost \$16,157; first year operating cost \$60,000; revenue \$72,000. Principals include Martin Karig and Morris Genthner (each 25.2%) and others. Mr. Karig is stockholder in WRSA Saratoga Springs, N. Y.; Mr. Genthner is employe of WWSC Glens Falls, N. Y. June 12 initial decision looked toward grant. Action Dec. 9.

Existing AM stations

APPLICATIONS

APPLICATIONS

KBRV Soda Springs, Idaho—CP to increase daytime power from 500 w to 1 kw and install new trans. Ann. Dec. 9.

WFBS Spring Lake, N. C.—CP to increase daytime power from 500 w to 1 kw and install new trans. Ann. Dec. 11.

WBVA Waynesboro, Va.—Mod. of CP (which authorized new AM) to change hours of operation to unl. using power of 500 w-5 kw LS, install DA (DA-2) and install new trans. Ann. Dec. 11.

New FM stations

ACTIONS BY FCC

ACTIONS BY FCC

Sparta, Tenn.—Sparta Broadcasting Inc.
Granted CP for new FM on 105.5 mc, 3 kw.
Ant. height above average terrain 36 feet.
P. O. address Box 390, Sparta. Estimated
construction cost \$11,580; first year operating
cost \$6,000; revenue \$7,000. Principals: Dr.
Sam J. Albritton (82.5%) and Martha L.
Albritton (12.5%). Dr. Albritton is dentist
and president WSMT Snow Hill, Tenn., and
Mrs. Albritton is manager of same station.
Action Dec. 6.
Bremerton, Wash.—Bremerton Broadcast
Co. Granted CP for new FM on 106.9 mc,
channel 295, 30 kw. Ant. height above average terrain 86 feet. P. O. address 205 Washington Avenue, Bremerton. Estimated construction cost \$35,990; first year operating
cost \$30,000; revenue \$30,000. Applicant is
licensee of KBRO Bremerton. Action Dec. 9.

APPLICATIONS

APPLICATIONS

Hot Springs, Ark.—Tim Timothy Inc. 96.7 mc, channel 244, 2.511 kw. Ant. height above average terrain 197 feet. P. O. address 113 Third Street, Hot Springs. Estimated construction cost \$10,784; first year operating cost \$6,000; revenue \$12,000. Applicant is licensee of KBSH Hot Springs. Ann. Dec. 9. Los Banos, Calif.—Los Banos Broadcasting Co. 95.9 mc, channel 240, 3 kw. Ant. height above average terrain 115 feet. P. O. address

Box 672, Los Banos, Texas. Estimated construction cost \$11,770; first year operating cost \$6,000; revenue \$7,500. James H. Rose, sole owner, also owns KLBS Los Banos. Ann. Dec. 5.

Daytona Beach, Fla.—WMFJ Inc. 101.9 mc, channel 270, 25 kw. Ant. height above average terrain 107 feet. P. O. address Box 5606, Daytona Beach. Estimated construction cost \$22,250; first year operating cost \$40,000: revenue \$40,000. Applicant is licensee of WMFJ Daytona Beach. Ann. Dec. 11.

Evansville, Ind.—Valley-Hi Broadcasting Corp. 105.3 mc, channel 287, 500 w. Ant. height above average terrain 235 feet. P. O. address 220 Court Building. Evansville. Estimated construction cost \$52,337; first year operating cost \$50,000; revenue \$60,000. Principals: Samuel M. Angel, Claude H. Wiseman, Arthur F. Denton, Evangeline L. Hebbeler, Marjorie A. O'Bryan, Donald R. Hooe and Barbara J. Jones. All are residents of Evansville. Ann. Dec. 10.

Greenwood, Miss.—Dixie Broadcasting Inc. 99.1 mc, channel 256, 100 kw. Ant. height above average terrain 248.5 feet. P. O. address \$50,000; revenue \$60,000. Principals: C. D. Saunders (75%) and Arthur L. Wilde (25%). Mr. Saunders is Greenwood businessman, Mr. Wilde is employe of Swift & Co. Ann. Dec. 11.

Elmira, N. Y.—Elmira Heights-Horseheads Broadcasting Co. 94.3 mc, channel 232, 950

Dec. 11.

Elmira, N. Y.—Elmira Heights-Horseheads Broadcasting Co. 94.3 mc, channel 232, 950 w. Ant. height above average terrain 502 feet. P. O. address Box 2097, Elmira Heights, N. Y. Estimated construction cost \$12,004; first year operating cost \$12,000; revenue \$12,000. Principals: Frank P. (35%) Emmagene S. (35%) and Anthony P. (30%) Saia. Principals also own WEHH Elmira Heights-Horseheads, N. Y. Ann. Dec. 11.

Elmira, N. Y.—WENY Inc. 94.3 mc, channel 232, 3 kw. Ant. height above average terrain minus 34 feet. P. O. address Mark Twain hotel, Gray and Main Streets, Elmira. Estimated construction cost \$17,500; first year operating cost \$12,000; revenue \$20,000. Applicant is licensee of WENY Elmira. Ann. Dec. 11.

Dec. 11.

Kingston, N. Y.—Skylark Corp. 94.3 mc, channel 232. 660 w. Ant. height above average terrain 580 feet. P. O. address c/o C. H. G. Rees, 4600 Time-Life Building, New York. Estimated construction cost \$23,-100; first year operating cost \$10,000; revenue \$12,000. Applicant is licensee of WGHQ Kingston. Ann. Dec. 6.

Kingston. Ann. Dec. 6.

Hereford, Tex.—KPAN Broadcasters. 106.3 mc, channel 2924, 2.83 kw. Ant. height above average terrain 252 feet. P. O. address Drawer 472. Hereford. Estimated construction cost \$12,435; first year operating cost \$6,000; revenue \$7,000. Applicant is licensee of KPAN Hereford. Ann. Dec. 11.

Lamesa, Tex.—The Cobra Corp. 100.3 mc, channel 262, 25.5 kw. Ant. height above average terrain 258 feet. Estimated construction cost \$21,270; first year operating cost \$16,000; revenue \$16,000. Applicant is licensee of KPET Lamesa. Ann. Dec. 11.

Ownership changes

ACTIONS BY FCC

KAKA Wickenburg and KTPM(FM) Sun City, both Arizona—Granted assignment of licenses from Willard Shoecraft, receiver, to



EDWIN TORNBERG

& COMPANY, INC.



Negotiators For The Purchase And Sale Of **Radio And TV Stations** Appraisers • Financial Advisors

New York-60 East 42nd St., New York 17, N. Y. • MU 7-4242 West Coast-1357 Jewell Ave., Pacific Grove, Calif. • FR 5-3164 Washington-711 14th St., N.W., Washington, D.C. . DI 7-8531

Edward W. Butler, receiver. No financial consideration involved. Action Dec. 10.

KARK-AM-FM-TV Little Rock—Granted transfer of control of licensee corporation. Arkansas Radio & Equipment Co., from estate of T. H. Barton (80%), deceased, to Madeline M., Clark N. and T. K. Barton. Transfer is settlement of estate. No financial consideration involved. Action Dec. 5.

KSGV(FM) West Covina, Calif.—Granted assignment of license from John K. Blanche and Joseph D. Worth (each 50%), d/b as Pacific-South Broadcasting Co., to Sherman J. McQueen (51.4%) and others, tr/as San Gabriel Valley Broadcasting Co. Consideration \$15.000. Mr. McQueen is VP of Foote. Cone & Belding, Los Angeles. Action Dec. 9.

KFEL Pueblo, Colo.—Granted transfer of

KFEL Pueblo, Colo.—Granted transfer of control of licensee corporation. KFEL Inc., from Frank D. Hall (100%) to Joseph M. Clifton (100%). Consideration \$120,000. Mr. Clifton is local businessman. Action Dec. 10.

WSKP Miami—Granted transfer of control of licensee corporation, WSKP Inc., from Ohio Music Corp. (52.38%) and Ohio Sound Systems Inc., both owned by William M. O'Neil (75%) and J. W. Lemmon (25%), to Messrs. O'Neil and Lemmon individually. No financial consideration involved. Action

WDHF(FM) Chicago—Granted assignment of license from de Haan Hi-Fi Inc., owned by James de Haan and family, to Federal Broadcasting Corp., owned by George R. (Bob) Newhart (66 35%) and Frank J. Hogan (33 35%). Consideration \$200,000 and agreement not to compete. Mr. Newhart is entertainer and partner with Mr. Hogan in several music publishing firms. Action Dec. 5.

WETT Ocean City, Md.—Granted assignment of license from WETT Corp. to Ocean City Broadcasting Corp., owned by majority owners of WETT. Consideration is assumption of debt. Action Dec. 4.

WQRS-FM Detroit—Granted transfer of

wers-Fm Detroit—Granted transfer of control of licensee corporation, Fine Arts Broadcasters Inc., from Richard N. Hughes (75%) to Stanley R. Akers (100% after transfer, 25% before). Consideration \$850 and cancellation of debt. Action Dec. 10.

WLST Escanaba, Mich.—Granted assignment of license from Frank J. Russell Jr.

(100%) to The Mining Journal Ltd., whose majority owner is Mr. Russell. No financial consideration involved. Mining Journal is licensee of WDMJ Marquette. Mich. Action Dec. 6.

Dec. 6.

WERX Wyoming, Mich.—Granted assignment of CP from John C. Lane, Elizabeth B. Barrett and Edward Fitzgerald, d/b as Wolverine Broadcasting Co.. to Mr. Fitzgerald and Mr. Lane (each 15%) and others. tr/as Radio WERX Inc. Consideration includes exchange of stock and assumption of obligations. Mrs. Barrett retains 11,25% interest; assignment is to bring more people into ownership. Action Dec. 10.

KIIXI. Golden Valley, Minn.—Granted as-

KUXL Golden Valley, Minn.—Granted assignment of CP from Edward D. Skotch to Greater Happiness Inc., 100% owned by Mr. Skotch. No financial consideration involved. Action Dec. 6.

WXYJ Jamestown, N. Y.—Granted transfer of control of licensee corporation, Air Waves Inc., from Tayloradio Corp. (87.5%) to Lowell White Paxson (87.5%). Consideration \$185.000. Mr. Paxson is 40% owner of WACK Newark, N. Y. Also see grant below. Action Dec. 6.

WXYJ Jamestown, N. Y.—Granted assignment of license from Air Waves Inc. to Trend Radio Inc., controlled by Lowell White Paxson. See grant above. No financial consideration involved. Action Dec. 6.

WONE-TV Dayton, Ohio—Granted assignment of CP from WONE-TV Inc., owned by Brush-Moore Newspapers Inc., to Springfield Television Broadcasting Corp., owned by Roger L. Putnam and others. Consideration \$153,000. Springfield also owns WWLP (TV) Springfield. WRLP(TV) Greenfield and WWOR(TV) Worcester, all Massachusetts Action Dec. 6 setts. Action Dec. 6.

KOME Tulsa. Okla.—Granted transfer of control of licensee corporation, KOME Inc., from Franklin Broadcasting Co. owned by William F. Johns Jr. (43.6%), William F. Johns Sr. (2.3%) and others. to Polaris Co. and Ferris E. Traynor family (each 50%), tr/as Producers Inc. Consideration \$315.000. Producers Inc. owns KCND-TV Pembina, KNOX-TV Grand Forks and KXGO-TV Fargo, all North Dakota. WTVW(TV) Evansville. Ind., WKYW Louisville and KXOA-AM-FM Sacramento and KJAX Santa Rosa, both California. Action Dec. 4.

KATR Eugene, Ore.—Granted assignment of license from Diana C. Redington, William H. Crocker II and Thomas J. Davis Jr. (each 13%). d/b as Eugene Broadcasters, to Mrs. Redington, Mr. Crocker and Genevieve de D. Casey (each 13%), tr/as company of same name. Consideration \$17.164. Mrs. Casey also owns 25% of KAPT Salem and KSHA Medford, both Oregon. Action Dec. 10.

KTBC-AM-FM-TV Austin, Tex.—Granted transfer of control of licensee corporation, The LBJ Co., from Claudia T. Johnson to A. W. Moursand and J. W. Bullion, trustees (BROADCASTING, Dec. 9). No financial consideration involved. Action Dec. 5.

WMMN Fairmount, W. Va.—Granted assignment of license from Peoples Broadcasting Corp., subsidiary of Nationwide Mutual Insurance Co., to Capitol Broadcasting Corp. and Marja Broadcasting Corp. (each 50%), tr/as Broadcast Enterprises Inc. Consideration \$245.000. Capitol, licensee of WCAW Charleston, W. Va., is 80% owned by E. M. Johnson; Marja licensee of WDNE Elkins, W. Va. is 100% owned by Mr. and Mrs. John P. Carr. Action Dec. 6.

APPLICATIONS

KVOY Yuma, Ariz.—Seeks assignment of license from King Lees, receiver, to KVOY Radio Inc., owned by Neil Sargent and William L. Lindsey (each 25%), John L. Hogg and John R. Williams (each 20%) and Clara L. Wilfert (10%). Consideration approximately \$19,000 Mr. Sargent is manager of KVOY; Mr. Lindsey is national sales manager of KOY Phoenix. Ariz.; all principals are associated with KVOY. Ann. Dec. 6. Dec. 6.

KBIS Bakersfield. Calif.—Seeks assignment of license from Eastern Electrosonic Industries Corp. to Jack I. Straus, Robert K. Straus and Beatrice S. Levy, trustees of will of Jesse I. Straus, deceased. Consideration is cancellation of debt. Ann. Dec. 11.

WAZA Bainbridge, Ga.—Seeks acquisition of positive control of licensee corporation, Radio Bainbridge Inc., by J. W. Woodruff Jr. (66 %5% after transfer, 40% before) through sale of stock to licensee corporation by Richard N. Hunter (10%). Consideration is cancellation of \$4,000 debt. Ann. Dec. 5.

WBHB Fitzgerald, Ga.—Seeks acquisition of positive control of licensee corporation, Ben Hill Broadcasting Corp., by Paul E. Reid (100% after transfer, 50% before) through purchase of stock from Otto Griner (50%). Consideration \$30,000. Ann. Dec. 9.

KUPI Idaho Falls, Idaho—Seeks assignment of license from KUPI Inc., owned by Elizabeth J. B. Echo, to Eugene F. Klaas. Consideration \$80,000. Mr. Klaas is general manager of KUPI, Ann. Dec. 9.

WLEW Bad Axe, Mich.—Seeks assignment of license from Thumb Broadcasting Co., owned by Harmon L. Stevens, John F. Wismer and James Muchlenbeck (each 33 ½%). to same firm, owned by Mr. Wismer (66 3%%) and Mr. Muchlenbeck (33 ½%). Consideration \$40,000. Ann. Dec. 11.

WMRT-AM-FM Lansing, Mich.—Seeks transfer of control of licensee corporation, Metropolitan Radio Corp., from Luke (34%) and Adelaide R. (0.5%) Walton, J. William Adams (29%) and Lawrence E. Morris (10%) to William R. Walker, Joseph D. Mackin, Charles D. Meflord, Philip Fisher and others. Consideration \$36,750. Ann. Dec. 5.

KRTN Raton, N. M.—Seeks assignment of license from Raton Broadcasting Co.

KRTN. Ann. Dec. 11.

KRTN. Raton, N. M.—Seeks assignment of license from Raton Broadcasting Co., owned by Jay W. Howe and Marvin H. Shute (each 50%). to company of same name. owned by Messrs. Howe and Shute (each 40%) and James T. Roper (20%). Consideration \$10.000. Mr. Roper is employe of KRTN. Ann. Dec. 11.

KRTN. Ann. Dec. 11.

WNCO-AM-FM Ashland, Ohio—Seeks assignment of license from Radio Ashland Inc., owned by Charles Calhoun (40%), Lewis Roche (36%) and Charles Winick (24%), to Ohio Radio Inc., owned by Robert W. Reider (53%) and others. Consideration \$150,000. Ohio Radio has applications pending to buy WLKR-FM Norwalk, WRWR-FM Port Clinton and WKTN-FM Kenton, all Ohio. Ann. Dec. 6.

WOHO Toledo Ohio—Seeks transfer of

WOHO Toledo, Ohio—Seeks transfer of control of licensee corporation. The Ohio Citizens Trust Co., trustee of estate of Sebastian N. Sloan (37.48%), deceased, to Samuel W. Sloan (59.96% after transfer, 22.48% before); transfer is settlement of estate. No financial consideration involved. Ann. Dec. 11.

WCOY Columbia, Pa.—Seeks acquisition of positive control of licensee corporation, Tri-Cities Broadcasting Corp., by Putbrese family (73 ½% after transfer. 50% before) through sale of stock by W. T. Merchant Jr. and Samuel J. Cole (each 11 ½%) to Keith E. Putbrese (23 ½%). Consideration \$1.400. Ann. Dec. 5.

WBAW Barnwell, S. C.—Seeks transfer of control of licensee corporation, Radio WBAW Inc., from Virginia F. and J. A. Gallimore (each 30%) to Joseph B. and Gwen P. Wilder (together. 100% after transfer, 40% before). Consideration \$31,278. Also see WBHC Hampton, S. C. Ann. Dec. 9.

Also see WBHC Hampton, S. C. Ann. Dec. 9.
WBHC Hampton, S. C.—Seeks transfer of
control of licensee corporation. Hampton
County Broadcasters Inc., from J. A. Gallimore (50%) to Joseph B. and Gwen P.
Wilder (together, 100% after transfer, 50%
before). Consideration \$25.112. Also see
WBAW Barnwell, S. C. Ann. Dec. 9.
WCLC Jamestown. Tenn.—Seeks acquisition of positive control of licensee corporation. Jamestown Broadcasting Inc., by
Stanley Cravens (100% after transfer, 33 ½%
before) through purchase of stock from
R. Gene Cravens and H. F. Lawson (each
33 ½%). Consideration \$50.000. Ann. Dec. 5.
KCAD Abilene, Tex.—Seeks transfer of

KCAD Abilene, Tex.—Seeks transfer of control of licensee corporation. Westgate Broadcasting Co., from Jack Hughes (100%) to H. S. Higginbotham (100%). Consideration is assumption of debt. Mr. Higginbotham is KCAD employe. Ann. Dec. 9.

KVDO-TV Corpus Christi, Tex.—Seeks transfer of positive control of licensee corporation, South Texas Telecasting Inc., from Dr. J. A. Garcia (23.1% before transfer, 4.7% after) and others to Clinton D. McKinnon (77.7% after, 3.8% before). Consideration \$48,000. Ann. Dec. 10.

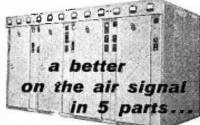
KUTV(TV) Salt Lake City—Seeks transfer of control of licensee corporation. KUTV Inc., from The Standard Examiner Publishing Co. to new firm owned by same persons in same percentages. The Standard Corp. No financial consideration involved. Ann.

Hearing cases

INITIAL DECISIONS

Hearing Examiner Jay A. Kyle issued initial decision looking toward (1) granting application of Radio Elizabeth Inc. for new daytime AM on 1530 kc. 500 w, in Elizabeth, N. J.; conditions include presunrise opera-

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SUMMARY OF COMMERCIAL BROADCASTING

Compiled by BROADCASTING, Dec. 11

	ON	AIR	NOT ON AIR	TOTAL APPLICATIONS		
	Lic.	CP's	CP's	for new stations		
AM	3,855	63	119	290		
FM	1,115	17	99	244		
TV	522¹	57	80	126		

OPERATING TELEVISION STATIONS

Compiled by BROADCASTING, Dec. 11

	VHF	UHF	TV TUTAL
Commercial	473	88	561¹
Noncommercial	5 2	29	81*

COMMERCIAL STATION BOXSCORE

Compiled by FCC	, Oct. 31		
	AM	FM	TV
Licensed (all on air)	3,844	1,110	521 ¹
CP's on air (new stations)	67	20	57
CP's not on air (new stations)	118	92	80
Total authorized stations	4,029	1,222	658¹
Applications for new stations (not in hearing)	174	187	66
Applications for new stations (in hearing)	124	12	57
Total applications for new stations	298	199	123
Applications for major changes (not in hearing)	213	55	43
Applications for major changes (in hearing)	50	2	10
Total applications for major changes	263	57	53
Licenses deleted	0	Ö	0
CP's deleted	Ĭ	4	Ō
01 0 4010100	-	·	•

¹ Does not include seven licensed stations off air.

tion with daytime facilities precluded pending final decision in Doc. 14419; and (2) denying applications for new daytime AM stations on same frequency of Jupiter Associates Inc. to operate with 500 w. DA, in Matawan, and Somerset County Broadcasting Co. with 1 kw, DA, in Somerville, both New Jersey. Action Dec. 10.

Hearing Examiner Chester F. Naumowicz Jr. issued initial decision looking toward affirming commission's Oct. 24, 1962, grant of application of John Self for new AM on 1300 kc, 500 w-D, in Winfield, Ala. Action Dec. 9.

DESIGNATED FOR HEARING

WHAY, The Central Connecticut Broad-casting Co., New Britain, Conn.—Designated for hearing applications for assignment of licenses to Connecticut-New York Broad-casters Inc. (WICC-AM-TV, WJZZ(FM) Bridgeport); dismissed that portion of peti-tion by WRYM-AM-FM New Britain asking that WHAY renewal application be dis-

missed; made WRYM party to proceeding. Action Dec. 4.

By order, commission designated for hearing application of Noble Broadcasting Corp. for renewal of WILD Boston. Issues include questions concerning "double billing," broadcast of lottery advertising, fallure to withhold federal income taxes and social security deductions from certain employes, financial qualifications, false and misleading financial reports and misrepresentation of facts to commission. Action Dec. 4.

OTHER ACTIONS

By memorandum opinion and order, commission held in abeyance until further order proceeding on application of Radio Americana Inc. for new daytime AM on 940 kc, 1 kw, in Baltimore, but further ordered that interested parties so desiring may, within 60 days, file applications for 940 kc in Catonsville, Md., or Lebanon, Pa., using substantially same engineering char-

acteristics, and proposing to serve substantially same service areas as were proposed
in dismissed applications by Catonsville
Broadcasting Co. and Rossmoyne Corp. It
suspended application of the AM "freeze"
and "cut off" rules for particular proceed-
ing and provided that original applications
would, if applicants so desire, be consoli-
dated in hearing with any new applica-
tions. Chairman Henry dissented and issued
statement in which Commissioner Lee
joined; Commissioners Cox and Loevinger
not participating. Action Dec. 11.

joined; Commissioners Cox and Loevinger not participating. Action Dec. 11.

By memorandum opinion and order, commission denied motion by WHDH Inc (WHDH-TV) for stay of Boston TV channe, 5 comparative hearing pending action on petition for reconsideration of portion of hearing order which rejected WHDH request for dismissal of application of Greater Boston TV Inc. Commissioners Cox and Loevinger not participating. Action Dec. 11.

By memorandum opinion and order. commission denied petition by Speidel Broadcasting Corp. of Ohio for reconsideration and rehearing of July 8 decision which granted application of Greene County Radio for new AM on 1500 kc, 500 w-D, in Xenia, Ohio, and which denied Speidel's mutually exclusive application for new station on 1510 kc, 10 kw-D, DA, in Kettering, Ohio. Commissioner Cox not participating. Action Dec. 11.

Dec. 11.

By Order, commission denied application by Denver Area Broadcasters (KDAB), Arvada, Colo., for review of Review Board's Oct. 24 action denying leave to amend application to change proposed trans. site of KDAB. Commissioner Cox not participating. Action Dec. 11.

Action Dec. 11.

By order, commission granted petition by The City of New York Municipal Broadcasting System for extension of time to Feb. 25, 1964, to file amendment to application for SSA to operate WNYC New York additional hours from 6 a.m. EST to sunrise New York and from sunset Minneapolis to 10 p.m. EST, and new application seeking regular licensing of presunrise and evening operations pursuant to commission's Oct. 24 memorandum opinion and order. Commissioner Lee not participating. Action Dec. 11.

Commission (Commissioner Cox not participating) scheduled following TV proceedings for oral argument on March 2: Syracuse, N. Y., channel 9; and Orlando, Fla., channel 9, rescheduled from Feb. 28.

Fla., channel 9, rescheduled from Feb. 28.

© Commission's schedule of application filing fees will become effective on Jan. 1. 1964. Applications submitted by mail and postmarked later than 12 midnight, Dec. 31, 1963, must be accompanied by fees prescribed in commission's rules. No fees will be required to accompany applications postmarked prior to Jan. 1, 1964, irrespective of date on which application actually arrives at commission, or any of field offices. Applications submitted by hand to commission, or to any of field offices, subsequent to close of normal working hours on Dec. 31, 1963, must be accompanied by fees prescribed in commission's rules. Action Dec. 9.

© Commission gives notice that Oct. 15

commission's rules. Action Dec. 9.

g Commission gives notice that Oct. 15 initial decision which looked toward granting application of The Hampden-Hampshire Corp. to increase daytime power of WHYN Springfield, Mass., on 560 kc from 1 kw to 5 kw, continued nighttime operation with 1 kw; conditions include precluding presunrise operation with daytime facilities pending final decision in Doc. 14419, became effective Dec. 4 pursuant to Sect. 1.276 of rules. Action Dec. 9.

rules. Action Dec. 9.

By memorandum opinion and order, commission denied petition by Valley Telecasting Co. (KIVA[TV]) Yuma, Ariz., for reconsideration of Aug. 9 action which granted assignment of license of KBLU and CP of KBLU-TV Yuma from Desert Telecasting Co. to Desert Telecasting Inc., and which also granted extension of time to construct latter station. Commissioner Ford not participating; Commissioner Cox dissented. Action Dec. 9.

sented. Action Dec. 9.

By memorandum opinion and order, commission (1) denied petition by W. D. Frink, tr/as Jefferson Radio Co., to extend time from Dec. 11 to Jan. 10, 1984, to operate WIXI Irondale, Ala., in order that agreement for assignment of CP and sale of physical assets may be amended and processed in orderly manner, and (2) on own motion. extended effective date of commission's Sept. 13 decision to Jan. 1, 1984, solely for purpose of winding up, application for assignment having been rendered moot by denial of application for license. Action Dec. 6.

© Commission en banc, by Commissioners Henry (Chairman), Hyde, Bartley and Loevinger, rescheduled oral argument from Dec. 16 to Jan. 9 in proceeding on applications of The Young People's Church of the

BROADCASTING The 1735 DeSales Street	Businessweekly of Telet, N.W., Washington, D.		
Please start my subscription in		.,	
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name	title/position*		
address Business Home			
city	state	zip code	

^{*} Includes three stations operating on unreserved channels.

Air Inc. and WJMJ Broadcasting Corp. for new FM stations in Philadelphia. Action Dec. 6.

- Commission, on request by WORZ Inc., postponed from Jan. 13 to Feb. 28, 1964, oral argument in proceeding on application and that of Mid-Florida Television Corp. for new TV stations on channel 9 in Orlando, Fla. Commissioner Cox not participating. Action Dec. 4.
- Commission gives notice that Oct. 9 initial decision which looked toward (1) granting application of Marshall Broadcasting Co. for new AM on 1540 kc, 250 w-D, in Marshall, Mich.. condition, and (2) denying application of Wright Broadcasting Co. for new station on same frequency with 5 kw (1 kw-CH), DA, D, in East Lansing, Mich., became effective Nov. 29 pursuant to Sect. 1.153 of rules. Action Dec. 4.
- Commission gives notice that Oct. 9 initial decision which looked toward dismissing without prejudice application of The Y T Corp. for new FM on 99.3 mc in Palo Alto, Calif., and terminating proceeding, became effective Nov. 29 pursuant to Sect. 1.153 of rules. Action Dec. 4.
- Bect. 1.133 of rules. Action Dec. 4.

 By decision, commission granted application of Wabash Valley Broadcasting Corp. for renewal of license of WTHI-TV (ch. 10) Terre Haute, Ind., and denied competing application of Livesay Broadcasting Inc. for CP for same facility. Chairman Henry and Commissioner Bartley dissented and issued statements; Commissioners Cox and Loevinger not participating. Initial decision of April 22, 1960, looked toward action. Action Dec. 4.
- By memorandum opinion and order, commission dismissed applications by Wabash Valley Broadcasting Corp. and Illiana Telecasting Corp. for new TV stations on channel 2 in Terre Haute, Ind. Action is without prejudice to filing new applications by Jan. 31, 1964. It stems from Court of Appeals decision of June 27, 1963, which, among other things, affirmed commission's allocation of channel 2 to Terre Haute but held that determination of to whom it ought to be assigned must be on basis of new proceeding, and directed commission to permit filing of such applications within reasonable time and subject to comparative hearing. Commission will entertain appropriate application for interim operation on channel 2 there by interested applicants, but, because Wabash Valley is already operating on local channel 10, it will not be permitted to participate in any such interim operation. Chairman Henry issued concurring statement; Commissioner Loevinger issued statement; Commissioner Cox not participating. Action Dec. 4.

Routine roundup

ACTIONS BY REVIEW BOARD

- By separate orders, in proceeding on applications of TVue Associates Inc. and United Artists Broadcasting Inc. for new TV stations on channel 23 in Houston, granted petitions by Broadcast Bureau to extend time to Dec. 20 to file responses to TVue's motion to modify delete and enlarge issues; and to Dec. 20 to file responses to United Artists' motion to enlarge issues. Actions Dec. 10. Actions Dec. 10.
- By memorandum opinion and order, denied untimely filed petition by The Prattville Broadcasting Co. to reopen record in proceeding on application and that of Billy Walker for new AM stations in Prattville, Ala. Action Dec. 9.
- Reference of WCKT(TV) (ch. 7) and Community Broadcasting Corp. for new station on that channel in Miami. Action Dec. 9.
- m Granted petition by Radio Haddonfield Inc. to extend time to Dec. 19 to file exceptions to initial decision in proceeding on application for new AM in Haddonfield and that of Salem County Radio for new station in Salem, both New Jersey. Action Dec.
- m Members Berkemeyer, Nelson and Pincock, adopted decision granting application of International Radio Inc. to increase power of KGST Fresno, Calif., from 1 kw to 5 kw, continued operation on 1600 kc, D; conditioned that presunrise operation with daytime facilities is precluded pending final decision in Doc. 14419. May 13 initial decision looked toward action. Action Dec. 6.

- By memorandum opinion and order in proceeding on application of Eastside Broadcasting Co. for new AM in Phoenix, Ariz., (1) denied appeal by Maricopa Courty Broadcasters Inc. (KALF), Mesa, from examiner's Oct. 8 ruling which denied KALF's request to introduce evidence with respect to Eastside's proposed tower site, and (2) denied KALF's petition to enlarge issues in proceeding. Board Member Nelson concurred. Action Dec. 6.
- Granted petition by Greater Boston TV Inc. to extend time to Dec. 10 to file oppositions to petition to enlarge issues relating to Greater Boston in Boston TV channel 5 proceeding. Action Dec. 6.
- In proceeding on applications of KWEN Broadcasting Co. and Woodland Broadcasting Co. Inc. for new AM stations in Port Arthur and Vidor, respectively, both Texas, granted petition by Broadcast Bureau to extend to Dec. 11 time to file responses to following pleadings—petition by KWEN to enlarge issues, and petitions by Woodland to delete and enlarge issues. Action Dec. 5
- Granted petition by Valparaiso Broad-casting Co. to extend time to Dec. 18 to file exceptions to initial decision in proceeding on application and that of Porter County Broadcasting Co. for new AM stations in Valparaiso. Ind. Action Dec. 5.

ACTIONS ON MOTIONS

Commission denied request by A. Earl Cullum Jr. to extend time from Dec. 10 to Jan. 10, 1964, to file comments and from Dec. 20 to Jan. 20, 1964, for replies in matter of reduction in aural-to-visual power ratio for VHF TV stations to make it consistent with ratio required of UHF TV stations. Action Dec. 6.

By Office of Opinions and Review

- In proceeding on applications of WEATTV Inc. and Scripps-Howard Broadcasting Co. to change trans. location, etc., in WEATTV (ch. 12) and WPTV(TV) (ch. 5), respectively, both West Palm Beach, Fla., granted request by Broadcast Bureau to extend time to Dec. 10 to file replies to petition to terminate proceeding and grant application and petition for reconsideration and grant. Action Dec. 6.
- g Granted request and supplement by WTIF Inc. to extend time to Dec. 10 to file petition for reconsideration in matter of revocation of license of WTIF Tifton and for renewal of license of WDMG Inc. (WDMG), Douglas, Ga. Action Dec. 3.

By Chief Hearing Examiner James D. Cunningham

- Granted petition by Central South Dakota Broadcasting Co. to extent of dismissing but with prejudice application for new daytime AM (KEZE) in Huron, S. D., and terminated proceeding. Action Dec. 10.
- and terminated proceeding. Action Dec. 10.

 B Dismissed with prejudice for failure to prosecute application of Capitol Television Inc. for renewal of license of KVUE(TV) (ch. 40) Sacramento, Calif., and retained in hearing status application of Camellia City Telecasters for new TV on that channel in Sacramento; directed Capitol Television to file with secretary of commission within 10 days affidavit as to whether it has been promised, or has received, anything of value, directly or indirectly, by reason of abandonment of application. Action Dec. 6.
- g Substituted Examiner Walther W. Guenther, in lieu of Examiner Arthur A. Gladstone, as presiding officer in proceeding on AM application of Northland Radio Corp. (KWEB), Rochester, Minn. Action Dec. 5.
- Substituted Examiner Jay A. Kyle, in lieu of Examiner Arthur A. Gladstone, as presiding officer in proceeding on applica-tions of Teleprompter Transmission of Kansas Inc. Action Dec. 5.
- Bubject to objection by any interested party within 10 days, substituted presiding officer as shown in lieu of Hearing Examiner Asher H. Ende in following: Examiner Forest L. McClenning: Black Hills Video Corp. Action Dec. 4.
- Substituted Examiner Chester F. Naumowicz Jr. in lieu of Examiner Arthur A. Gladstone as presiding officer in proceeding on application of Big Chief Broadcasting Inc. (KLPR), Oklahoma City. Action Dec. 4.
- Substituted Examiner Herbert Sharfman in lieu of Examiner Arthur A. Gladstone as

presiding officer in Paterson, N. J., TV comparative proceeding. Action Dec. 4.

Designated Examiner Herbert Sharfman to preside at hearing in Victoria, Tex., channel 19 proceeding; scheduled prehearing conference for Jan. 6 and hearing for Feb. 10, 1964. Action Dec. 3.

By Hearing Examiner Isadore A. Honig

- Pursuant to agreements reached at Dec. 9 prehearing conference in proceeding on AM application of LaFollette Broadcasting Inc. (WLAF), LaFollette, Tenn., scheduled certain procedural dates and ordered hearing to commence as scheduled on Dec. 23, Action Dec. 9.
- Action Dec. 9.

 Granted motion by Leon Lawrence Sidell, Hamburg, N. Y., to continue from Dec. 9 to Jan. 9, 1964, time for exchange of exhibits; Dec. 17 to Jan. 17, 1964, for hearing on exhibits, and from Jan. 7 to Feb. 10, 1964, for cross examination of Sidell in consolidated AM proceeding in Docs. 14031 et al. Action Dec. 5.
- Pursuant to agreements reached at Dec. 2 further prehearing conference in proceeding on AM application of Verne M. Miller, Crystal Bay, Nev., scheduled certain procedural dates and hearing for Feb. 4, 1964. Action Dec. 3.

By Hearing Examiner Chester F. Naumowicz Jr.

- Pursuant to certain agreements reached and approved by examiner, continued Dec. 10 hearing to Dec. 16 in proceeding on ap-plications of Edina Corp. and Tedesco Inc. for new AM stations in Edina and Bloom-ington, respectively, both Minnesota. Action Dec. 9.
- Ber. 9.

 Bursuant to agreements reached and certain rulings made at Dec. 9 prehearing conference in proceeding on AM application of Big Chief Broadcasting Inc. (KLPR), Oklahoma City, scheduled certain procedural dates and continued Dec. 11 hearing to Feb. 24, 1964. Action Dec. 9.

 Scheduled prehearing conference for
- Scheduled prehearing conference for Dec. 9 in proceeding on AM application of

Continued on page 113



CLASSIFIED ADVERTISEMENTS

(Payable in advance. Checks and money orders only.) (FINAL DEADLINE—Monday preceding publication date.)

• SITUATIONS WANTED 20¢ per word—\$2.00 minimum • HELP WANTED 25¢ per word—\$2.00 minimum.

• DISPLAY ads \$20.00 per inch—STATIONS FOR SALE, WANTED TO BUY STATIONS & EMPLOYMENT AGEN. CIES advertising require display space.

CIES advertising require aispiay space.

All other classifications, 30¢ per word—\$4.00 minimum.

No charge for blind box number. Send replies to Broadcasting, 1735 DeSales St., N.W., Washington, D. C., 20036.

APPLICANTS: If transcriptions or bulk packages submitted, \$1.00 charge for mailing (Forward remittance separately, please). All transcriptions, photos etc., sent to box numbers are sent at owner's risk. Broadcasting expressly repudiates any liability or responsibility for their custody or return.

RADIO

Help Wanted---Management

Manager for small market deep south 5 KW. Preferably with 1st phone. Emphasis on sales. Possibility of buying interest for right party. Box P-46, BROADCASTING.

Manager wanted for single station West Texas market. No high salary or draw artists wanted. Income is here for man who can produce. You produce for me and I will help you advance. Will consider top salesman or sales manager ready to manage station. Box P-116, BROADCASTING.

Manager to launch new South Jersey coastal AM station. Box P-129, BROADCASTING.

Station Mgr. new daytime station Mpls, Minn. area—strong on sales and capable of complete management. Opportunity for investment. Box P-163, BROADCASTING.

Station Manager wanted who is an excellent salesman, can lead people, who also has knowledge of FM Broadcasting besides AM broadcasting. This is a New England Full-Timer. Please send a resume and photo-Must be a man of integrity and above reproach. Box P-173, BROADCASTING.

Sales

Detroit—Immediate opening for solid salesman, capable of management, top station multiple chain. Good starting salary. Box M-169, BROADCASTING.

Fine opportunity young creative salesmen offered by seven station Mich-Wisc group. Our stock-holders. key personnel come through our sales department. Rapid advancement to qualified person. Box P-153, BROADCASTING.

Large east coast market. Resumes to include references. Chain operation. Appearance, intelligence and ambition combined with hard work will provide a decent living with an adult programed station. Capabilities, potential more important than formal experience. I need you right now. Box P-165. BROADCASTING.

Station manager, must be heavy on local sales and be able to create local salable promotions, New England daytimer. Opportunity for investment. Send full resume. financial requirements and picture in first letter. Box P-186, BROADCASTING.

WPIK serving Washington-Northern Virginia with adult programing looking for one damned good man, or woman. No picnic, but intelligent person can earn good living. I insist on outstanding personal references . . . which will be checked. In addition to ability to sell, you must be able to write creatively. Resume to me, Bill Gallagher, Jr., General Sales Manager, WPIK, Virginia Theatre Building, Alexandria. Virginia. Everything confidential.

Radio salesman—Mature, experienced, aggressive for permanent sales position with No. 1 Pulse station in Illinois' No. 2 market. A good family man with solid radio sales background will earn a substantial income. Contact: John R. Speciale, WRRR, Rockford, Ill.

Announcers

Are you a young radio announcer with a Are you a young radio announcer with a mature voice, some commercial experience, and a desire to join a good medium market station? Then let's get together. We're loaded with employee benefits. The market's a good one, and the staff is broadcasting minded. Send tape resume and salary range to Box N-154, BROADCAST-ING.

Announcers—(Cont'd)

Experienced announcer needed immediately for midwest metro-market good music station. Must have good air voice and commercial delivery. Will consider only those desiring permanent employment. Box P-65, BROADCASTING.

Wanted: Swinging top 40 format dj, Negro, for all night slot in brand new show case studio. Tell all and send tape with first letter to Box P-71, BROADCASTING.

Talented, enthusiastic professionals wanted. Morning man \$8000-10,000; specialist in creative production spots \$7800-9100; afternoon man \$5200-6500; salesmen—liberal draw against commission. Well established station will give preference to applicants from the Carolinas, Virginia, Southeast. Tell all, sell all first letter with air check to Box P-106. all first letter with BROADCASTING.

Is your production the kind other deejays admire? Airwork the polished, professional calibre that cries out for more attention, appreciation. Too young to have all this talent and drive? We've got a home for you at top-rated pop station in medium market. Other young pros to welcome you. Rush details. tape, pic to Box P-109, BROAD-CASTING.

If you are a competent aggresive newsman and comprehend mobile news coverage, we want to hear from you. Highly respected top-rated operation in Illinois. Send tape and complete resume to: Box P-114, BROADCASTING.

Pennsylvania kilowatt needs morning man dependable, mature, professional. Send tape, resume, photo to Box P-154, BROADCAST-

Eastern North Carolina station needs salesman announcer. Salary plus commission. Send resume and photo to Box P-172, BROADCASTING.

Opening Jan. 15. Young anner.. mature voice, some commercial staff and sports experience. Good small market operation. Modern facilities, loaded with fringe benefits. Adult station, fine image. \$90 wk. startraises. No selling or copy writing. Near eastern metropolitan city. Box P-180. BROAD-CASTING.

All-around announcer for medium southeast market. Top tunes with lot of freedom for thinking dj. Maturity a must, Send tape. resume, with your ideas on how to operate. Box P-185, BROADCASTING.

On your way up? This may be your move. Got gimmicks? Different voices? An inside heckler? Special approach to top 40? Make it interesting and exciting for teens and young adults and we'll do the same for you. Evening show. First phone. If you're the guy—name your price. Top-rated east coast station requires good references, picture, tape and personal resume. Box P-187, BROADCASTING.

Eastern 50,000 watter looking for creative morning man. We want a man with imaginative ideas to handle an adult audience. . . . A man capable of holding our current #1 rating in the AM. Rush tape, resume, and minimum salary expected. Box P-195, BROADCASTING.

Announcer—1st ticket. No maintenance. Middle Atlantic area within 60 miles of Nation's capital. Complete resume to Box P-201. BROADCASTING.

Wanted: A crazy, zaney, jumping dj for 100% Negro programed station. One who can turn a sophisticated city up-side-down. Station located in one of the 10 leading markets, All correspondence confidential. Terrific compensation for right man. Send audition tape to Box P-202, BROADCASTING.

Announcers—(Cont'd)

Good opportunity for afternoon man with personality. Big band format in Wheeling, W. Va. Pay? Depends on your talent. Position opening 1st of January. Box P-203, BROADCASTING.

Moving up? Morning man with potential, wit and intelligence wanted by all-new modern radio station. Will consider men working other slots who can move to mornings. We go first class and intend to dominate our market with your help. Send tape and resume to Box P-204, BROAD-CASTING.

Texas kilowatt needs mature, experienced dj for adult programing. If you can sell a commercial and make a record show sound interesting, send air check, resume, and references. All tapes returned. \$100.00 week. Box P-208, BROADCASTING.

KLMR Lamar, Colorado within 30 days to be 5000 watts. Has opening for experienced announcer. First phone necessary. Contact Kent Roberts, KLMR.

KSON, San Diego's first and only c&w station expanding air personality staff. Need tape and resume immediately. KSON, U. S. Grant Hotel, San Diego 1, Calif.

Porterville, Calif., all around man with 1st phone needed now. Practical engineering not manditory but desirable. Salary open. Phone Gary Garlund, KTIP, 209-784-1450.

Announcer with first phone. No mainten-ance. WAMD, Aberdeen, Md.

Experienced announcer for suburban Maryland, independent. Send tape, resume, photo immediately to WASA, Havre De Grace, Md.

Announcer-salesman, run good board, service active accounts, references required. Mr. Wideman, WATT, Cadillac, Michigan.

Bright sounding announcer without prob-lems, by January 1st. Prefer Florida resi-dent. Gale Brooks, WBIL, Leesburg.

Metropolitan Detroit station wants experienced dependable air personality. Send tape and resume to WBRB, Box 2164, Livonia,

First class ticket required—combo man for 1 kw daytimer. Tell all first letter. General Manager, WEBO, Owego, New York.

Immediate opening for strong commercial announcer, air personality with original humor and mature voice. Top station in Grand Rapids. Salary open. Rush tape and resume to WGRD, 35 Lafayette Ne., Grand Rapids, Michigan.

Announcer. Live, swinging, personality, top 40 operation WHSL, Wilmington, N. C.

Michigan daytimer has immediate opening for 1st phone announcer-newsman. Prefer family man looking for permanency, and for 1st phone announcer-newsman. Prefer family man looking for permanency, and opportunity for advancement. Salary open, dependent on ability. Send tape-resume and picture to WJUD, St. Johns. Mich.

Caught in the draft. Announcer needed. Willing to learn, assisting in music department. Adult format, wonderful country, wonderful station. Dean Loudy, WNNT, Warsaw, Va.

If you are experienced with news, good music and transmitter duties. Call Washington stereo station, WASH.

Announcers—(Cont'd)

Excellent opportunity for experienced announcer radio staff with television opportunities. Send snapshot. Resume and off-air check stressing music and commercials. Program Director, WOC-AM-FM, Davenport, Iowa.

Announcer-copywriter: Take charge of copy department. Send tape, resume, photo and sample copy to: F. H. Stewart, WSVS, Crewe, Va.

Announcer-first phone . . . Middle of road programing . . . Emphasis on announcing . . . WTHM—Box 1530, Lapeer, Mich.

Wanted Negro 1st phone combo. Little maintenance for small market daytimer. Call collect Ted Reynolds 919-654-3971.

Announcers! All states. Tapes to Darden Associates, Box 231, Roosevelt, N. Y., 212-TW6-1245.

Negro group operating Tampa—Birmingham—Shreveport—Little Rock—Jackson—Richmond, has opening for 2 swinging R & Bmen with teenage appeal—and a dynamic religious personality. Send resume—late photograph—tape. Program Director, McLendon Broadcasting Company, Box 197, Jackson. Miss.

It's a fact—First phone announcers earn more money! Secure your future with an FCC First Class License. Five weeks in beautiful, warm and sunny Florida. And now, in addition to REI's famous five (5) week first phone course—now third phone, plus broadcast endorsement by correspondence. Only \$16.00. Same famous guarantees the residence course. License or complete refund. Radio Engineering Institute of Florida, Inc., 135 N. Pineapple Avenue, Sarasota, Fla.

Technical

Wanted: Negro engineer, first class ticket only, experience not necessary, only willingness to work and learn. 5 kw-directional. Complete resume and minimum starting salary immediately to Box P-70, BROAD-CASTING.

Announcer—1st ticket. No maintenance. Middle Atlantic area within 60 miles of Nation's capital. Complete resume to Box P-200. BROADCASTING.

Wanted: First phone engineer with experience in AM and completely automated FM. Send full particulars and general salary requirements first letter to KBIM Box 910, Roswell, New Mexico.

Wanted: Kentucky daytimer has opening for Chief engineer/announcer. Good pay. Small community. Send tape, resume and references to WANY, Albany, Ky.

Immediate opening for engineer, 5 kilowatt. Contact Morris R. Shufflebarger, WGOH, Grayson, Kentucky. Phone 474-5144.

Wanted first class ticket operator for full time AM/FM station, located in southern New Hampshire. Contact: Miss Shirley I. Roy. Knight Management Corp., Boston,

Production Programing & Others

Need both experienced news director and dj. Want mature voices. Good pay. Send tape, resume to Box N-185, BROADCAST-ING.

Wanted-farm director, newsman, midwest. Age no factor. Box P-9, BROADCASTING.

Experienced announcer-copy writer who can also double in news needed for midwest metro-market station. Versatility with mature presentation desired. This is a good music station. Only those seeking permanent employment need apply. Box P-66, BROAD-CASTING.

Program director. Major market, (East). Top 40. No screamer advocates. Must have provable track record of ratings and clever production. Box P-158, BROADCASTING.

Production Programing & Others

Continued

Newswriter who can collect, write and broadcast local and area news. Knowledge of sports helpful. WICY, Malone, New York.

Immediate opening for fulltime newsman. Need man with ability to find, report and build local news stories, and maintain present outstanding reputation. Send tape and resume with history of earnings to Jim McDonald, WKNY, Kingston, New York.

Young newsman for one of the midwests most aggressive news operation. Opportunity for both radio and television local news gathering, writing and reporting. Only dedicated newsman may apply, for the work and challenge will find you out. Send tape, resume and photo to Sam Hall, WTRC, Elkhart, Indiana.

Newsman—Wgic, AM dial 1500, Xenia, O. Write or call Dick Moran, Gen. Mgr., Don't call collect.

Situations Wanted—Management

General Manager—Seventeen years in radio from small market independents to medium market network including group operation. Successful local sales record. Worked with top reps on national sales Nine years Manager; remainder as Sales Manager, P.D., News Director, talent. Best references. Box P-4, BROADCASTING.

Qualified to manage. Eight years experience in AM and FM. References. New York State only. Box P-76. BROADCASTING.

Unusually well-qualified broadcaster available for management position within the next 90 days. This man has 15 years solid experience in large-market operation. Box P-89, BROADCASTING.

Formula for a profitable radio station: 1. Correctly analyze your market and competition. 2. Design your air sound to build a salable image. 3. Promote that image. 4. Get the program department to do your bidding. 5. Get your sales department to sell. 6. Keep collections current. 7. Thoroughly know FCC regulations. 8. Add a multitude of small details and stir 20 hours per day. In 9 years I have successfully mastered this formula and presently proving my ability as Manager. I'm familiar with Network, Independent. and all size markets. Box P-147, BROADCASTING.

Small-Medium market preferably in middlewest. Outstanding background in sales and management, aggressive with the know how and ability to put new life into your station. Presently employed in large market. Box P-149, BROADCASTING.

Veteran announcer earning \$8,000 wishes to make transition to management. College graduate, creative, industrious, versatile, Age 29. Box P-159, BROADCASTING.

Devoted to quality radio that combines profit and pride. Station or sales manager available soon. Excellent record sales, research, programing. Boston Area first choice. Box P-161, BROADCASTING.

Major market personality desires switch to management. Happy financially, but want more productive future. Age thirty. Ten years radio. Sales and program management background. Ability, creativness, ambition. Let's talk. Box P-174. BROADCASTING.

Wanted: Opportunity. not just salary. Interested; Management and sales. Experience; over 2 years local radio and network TV. College grad., 28, married. Veteran. Hard Work guaranteed. Presently employed. Box P-176, BROADCASTING.

Manager of small market station strong on sales has reached earning potential. Desires Gen. or sales manager position. Can relocate. Resume and references available. State approximate starting salary with first letter. Box P-178, BROADCASTING.

I've increased sales here by 1,000% in one of the country's most difficult markets, within 1 year, and I can prove it. Presently employed general manager, expert in programing with real sales know how, also excellent engineer. Seeking management with incentive, plus respectable salary. I can do it. Box P-179, BROADCASTING.

Management—(Cont'd)

Attention station owners; I have an excellent background in sales, promotion and management to offer. Give me the key, sit back and watch the results. Preferably middlewest. Presently employed. Exchange references please. Box P-193, BROADCASTING.

Veteran broadcaster with 18 years experience, 14 of which have been in managerial capacities, available for radio management in competitive market. Stations I have run in major markets always top-ranked. Married, three children. Age 41. Well known among leading agencies and major station reps. Excellent references. Box P-205, BROADCASTING.

Man of long experience in sales management is available. Qualified in local and national fields. Extensive contacts throughout industry. Excellent references. Box P-207, BROADCASTING.

Mature capable manager announcer, newsman. Experienced radio and television. Attention: Wisconsin, Minnesota. Michigan. Contact Carl Erwin, Manager, KFLJ. P.O.B. 593. or phone 111, Walsenburg. Colorado.

Sales

Sales my primary interest as sales manager or salesman. Have 22 years radio experience in all phases. Finest references. Write Box P-59, BROADCASTING.

Announcers

San Francisco first phone personality available. Interested? Box N-45, BROADCAST-ING.

4 years experience in sales, announcing & play-by-play. Desire smaller mkt. in midwest or west. All replies answered. Box P-44, BROADCASTING.

Sports announcer looking for sports minded station, finest of references. Box P-74, BROADCASTING.

First phone radio-TV announcer, newswriter, 35, married, two children. Box P-77, BROADCASTING.

Gal disc jockey, traffic, women's programs, great writer, continuity, scripts, hard worker. Available immediately. Box P-92, BROADCASTING.

N.Y., N.J., Conn.—Announcer/dj, newscaster, experience, tight productional fast board. Family man. Box P-133, BROADCASTING.

Announcer engineer—1st phone—desire staff position, your style or mine. Good news, good music, good background—2½ years sales advertising. South or Southwest preferred, not required. Box P-142, BROAD-CASTING.

Announcer—DJ—experienced and mature fast and tight board. Fluid delivery can start immediately. Box P-148, BROADCAST-ING.

Highly experienced, mature, general announcer, will accept any living wage for a rapid placement. Excellent credits. Box P-150, BROADCASTING.

Announcer-4 years experience. Age 25—married—wants job in Wisconsin or Minnesota. Box P-156, BROADCASTING.

DJ/announcer, mature, reliable, good voice, now working medium market, top 40. Wants middle of road station—prefer San Francisco or West Coast. Box P-157. BRODCASTING.

Mature personality looking for the right job. Resume tape on request. Box P-199, BROADCASTING.

Attention New England. Top forty DJ. 5 years experience plus opinion and women's shows. Good habits and family man. Box P-160, BROADCASTING.

First Phone showman—6 years in top 50 markets. Available immediately. Box P-162, EROADCASTING.

Announcers—(Cont'd)

Announcer-Emcee. Young, personable professional actor-announcer with heavy local, national radio-video credits seeks opportunity with progressive station seeking strong personality and programing on which to hinge sales. I've got the background, ideas, showmanship and salesmanship to pay off for you. Interested? Box P-167, BROAD-CASTING.

College student desires part time position in Northern California town near State College. First Phone. No experience. Box P-171, BROADCASTING.

Announcer-dj bright personality. Authoritative news, family man—Dependable. Not a prima donna or floater. Box P-181, BROAD-CASTING.

Lively and talented female with warm personality, dj, newsman, copywriter. Professionally trained to do best job possible. Box P-192, BROADCASTING.

16 years experience. Announcing, selling, first class license. Steady, reliable, references. Box P-209, BROADCASTING.

Announcer-dj—experience, Negro, bright personality, authoritative newscast, tight production, not a floater or prima donna. Box P-211, BROADCASTING.

DJ announcer—authoritative newscaster, dependable—family man, personable, cooperative, fast operation. Box P-212, BROAD-CASTING.

Announcer dj-married & dependable. Experienced. Authoritative newscaster. No floater or prima donna. Box P-213, BROAD-CASTING.

DJ-announcer, 25 years old. Military service complete. Experienced top 40 personality plus. Box P-215, BROADCASTING.

Announcer, dj, 1st phone, presently working. College grad. Age 31, mature voice, warm personal delivery. Authoritative news. Desires music background. Four years experience A.F.R.S. Prefer middle-of-road station and/or TV in or near metropolitation area. Would like opportunity for copy and production. Available immediately. Tape, resume, photo on request. Box P-216, BROADCASTING.

Flexible, professional personality. Experienced all phases, any market. Authoritative newscaster, bright interesting dj/announcer. Box P-217, BROADCASTING.

Announcer/dj or newscaster. Bright, interesting personality. Experienced all phases, tight board, competent air sales, beeper phone, interviewing, authoritative news. Responsible, college background, excellent references. Box P-218, BROADCASTING.

Dear Santa: Do you know anyone who wants a good announcer for Xmas? Box P-220, BROADCASTING.

DJ-announcer: Bright air personality, authoritative newscaster, dependable, cooperative, tight board, not a floater, professional attitude. Box P-222, BROADCASTING.

Presently Detroit personality! Smile-like voice . . . versatility . . . experience . . . mature, midwest only. Box P-223, BROAD-CASTING.

Top 40 dJ with first phone desires position in West-South or midwest. 3 years experience. Write Dick Moore, 2706 Moorehead, Apt. 2, El Paso, Texas or call 505-393-3909.

Available Jan. 1. Young & capable radio personality. First Phone. DJ or News. Write Mike Wengert, P. O. Box 503, Naples, Fla. or after Christmas at 9725 Cambria Dr. St. Louis Mo.

C&W DJ. Discharge from Army soon, Ten years Experience. Jack Reno, Box 328 Waynesville, Missouri.

Technical

First phone, Radio, television experience. High power transmitters. Directionals. Available for anything, anywhere. Box P-170, BROADCASTING.

Presently employed studio engineer with major radio network experience in New York seeks like position with recording studio, net or station, or similar audio work. Smooth board, proficient editor, live music experience. Light maintenance. Can also write, announce. Degree, first phone, married. New York metro or suburbs preferred. Box P-188, BROADCASTING.

Now available—experienced engineer. Have created and maintained one of the outstanding metropolitan sounds. Can offer the best of references for credit, character, and technical ability. Extreme familiarity with all phases of directional antenna systems, maintenance and installation of all types of equipment, and equipment construction. Thirteen years engineering experience in radio. Bob Swortwood, 10207 Longmeadow, Dallas, Texas, DI 8-6071.

Experienced chief, AM, FM, TV, audio proofs, first phone nine years. Willing to relocate, C. William Simpson, 815 N. 4th St., Sunbury, Penna., phone 717 AT 6-0464.

Production Programing & Others

Quality continuity director or writer for quality sound that adheres to NAB code, pleasant appearance, good voice, college, married, 30 & 3rd phone. Box P-43, BROAD-CASTING.

Copywriter, thoroughly experienced, radio, TV, agency, creative, production oriented, effective. Box P-58, BROADCASTING.

I thrive on tough competition and real challenge. This PD/JOCK with a first phone has a consistent record of being number one. Let me program your station into the number one slot. All replies considered. Box P-61, BROADCASTING.

Responsibility, who needs it? I do! Experienced radio/TV announcing, sales, cont., prod., promotion, publicity. College degree and ability to go with it. Ratings, references, tape and resume for asst. Mgr. or pd offer. Box P-151, BROADCASTING.

Male copywriter, proven ability, ten years solid-sell experience, radio, TV. Box P-152, BROADCASTING.

Newsman with an established reputation in broadcast journalism, seeking a responsible position in one who takes pride in his work and versatile background in the industry. Box P-177, BROADCASTING.

15 years—all phases—present position 4 years #1 jock major market. Desire pd in major or medium market—open for discussion . . presently earning \$10,000. Box P-183, BROADCASTING.

Copywriter . . . Slave. Will labor for less in southwest. Top references. Straight copy that sells. Promotion and program ideas. Squeezed-out by change of ownership. Contact him. Box P-184, BROADCASTING.

Programing or traffic department. Three years experience. Box P-189, BROADCAST-ING.

Hooper proven programer and promotion man now available to progressive station or group in major market. Dynamic background in local stations in top ten plus National promotion background. Work now being heard in over 400 markets. Box P-190, BROADCASTING.

Top rated—southwest good music man—top 40 ability. Talented production . . . 5 years experience-family man. Permanent position only. Texas, midwest. Box P-197, BROAD-CASTING.

Custom radio production spots (not jingles). Send 50 cents for sample tape and low rates, station and agencies inquiries invited. Gary Van, 110 E. Union St., Newark, New York, 14513

TELEVISION

Help Wanted—Management

Mid-central television station will be replacing its general manager due to promotion. If you are qualified for this heavily sales-oriented position pleases submit your qualifications and references. Box P-119, BROADCASTING.

Announcers

Virginia fulltime radio and TV operation needs good experienced announcer. Middle of the road format. Must be reliable. Opportunity for TV sports, send tape, pix, resume and salary expectations to Box P-88, BROADCASTING.

Technical

Have immediate opening for experienced CATV engineer in construction and operation of proposed elaborate and large system. Send full particulars in initial response. Box N-7, BROADCASTING.

Wanted—assistant chief Engineer for large American TV station outside continental U. S. Must have studio and transmitter experience, prefer single man but will consider others. All replies confidential. Box P-169, BROADCASTING.

Full power California VHF has opening for studio engineer. Second phone, and video & audio switching experience required. Box P-175, BROADCASTING.

Wanted—Chief Engineer for Southeast TV station. Fully equipped in small market. Must have tape experience. Adivise qualifications and salary requirements in complete confidence. Will not check on your references without first checking with you. Write Box P-219, BROADCASTING.

Studio engineer. VTR maintenance experience essential. Salary over \$150.00 per week. IBEW contract. CBS affiliate in southern California metropolitan community, 2 hours drive from Los Angeles. Send letter and resume to Chief engineer, KBAK TV, 2210 Chester Avenue, Bakersfield, California. FA 7-7955.

Chief engineer for 5 kw directional and 1 kw sister station, need an experienced man who can assume complete responsibility for both studio and transmitter maintenance. Contact E. M. Tink, V.P. of engineering, KWWL-TV, Waterloo, Iowa.

Experienced Chief Engineer, major market. Ability to take over and initiate practical projects. Must be energetic and able to tackle tough problems. Available immediately. Phone 534-8281, Denver, Colorado, Ed Carroll.

Production, Programing & Others

Kids show . . . tried and proven brand new show. For VTR phone 213-332-3398. Box P-27, BROADCASTING.

TV news director in medium market. Now top-rated newscaster in major market. Thorough reporting, writing, filming experience. \$750 minimum. Box P-155, BROAD-CASTING.

Situations Wanted-Management

Thru the ranks, pioneer in TV sales, sales management and station management. Well known in industry. Past member of NAB board. Top references. Connections with reputable owners, first consideration. Also interested in replies from affiliated industries. Box P-206, BROADCASTING.

Announcers

TV staff announcer seeks larger market. Long experience all phases. Box P-182, BROADCASTING.

Announcers—(Cont'd)

Announcer, delivers selling commercial, selected by top National accounts as local spokesman. Eight years TV, seven years present job in medium large market, desires to move up. Present income \$10,000 yearly. Need guarantee of this, plus opportunity for more, dependent on ability. No geographical preference. Tape and references for genuinely interested. Box P-214, BROAD-CASTING.

Experienced announcer in all phases of TV. Married with one child. Age 29. Desire relocation in larger market. Box P-224, BROADCASTING.

Technical

Director of Engineering: Presently employed. Thirteen years experience medium-major market television. Seeking change for valid reasons. Capable, ambitious, strong engineering and administrative background; FCC, labor negotiations, etc. For resume write Box P-164, BROADCASTING.

Production Programing & Others

News Director. Top-rated delivery coupled with extensive major market administrative experience. Unusual situation makes this award winning reporter available after first of year. Kines, VTR, and references available. Box P-166, BROADCASTING.

Operations-production manager with programing & personnel experience wants position utilizing background. Family man, 33, with journalism degree and special personnel training. Box P-168, BROADCASTING.

Production supervisor: 6 years experience including film, directing, and studio in small to medium market. Married, family. College graduate. Presently employed, good references. Wishing to relocate in northwest, southwest or Rocky Mountains. Box P-191, BROADCASTING.

Want to locate in an active operation. Production, direction and technically oriented. Two degrees, 25, male, married. Minimum \$7,000. Box P-196, BROADCASTING.

New York area. Top flight midwestern producer-director with extensive commercial/ETV experience is relocating in New York City. Willing to start at bottom of creative operation . . . agency . . . production house . . . commercial or etv station. Box P-198, BROADCASTING.

WANTED TO BUY

Equipment

GE XT-1A 1 KW AM transmitter, Robinson turntables, Rust remote control equipment, 4X500F tubes, Wollensack T-1500 tape recorders, state condition and price. Box P-50, BROADCASTING.

Eight-bay Andrew FM, antenna. Box N-284, BROADCASTING.

Wanted: WDBC, Escanaba, Michigan has been granted an increase to 10 kw. Station is now seeking a 10 kw transmitter. Contact General Manager A. E. Dahl, 606 Ludington Street.

Lampkin FM frequency deviation monitor, model 205A; Bird wattmeter, model 43. Box P-194, BROADCASTING.

UHF station going on air needs all equipment—transmitter, cameras, tower, antenna etc. Be specific. Give prices. Box P-221, BROADCASTING.

Self-supporting tower, 200-300 feet, suitable for microwave. WJBF-TV, Augusta, Ga.

FOR SALE—Equipment

Television/radio transmitters, cameras, microwave, tubes, audio, monitors. Electrofind, 440 Columbus Ave., N.Y.C.

FOR SALE

Equipment—(Cont'd)

Kmission Line; Tefion insulated, 1%" rigid, 51.5 Ohm flanged with bullets and all hardware. New—unused, 20 foot length for \$40.00. Quantity discounts. Stock list available. Slerra-Western Electric, 1401 Middle Harbor Road, Oakland 20, California, Templebar 2-3527.

Two (2) Stancil-Hoffman minitape M-9 portable tape recorders, with battery chargers and carrying case. Less than two months old. Write Box L-170, BROAD-CASTING.

Television film camera RCA TK-20A with accessories in good condition. Inspection or inquiries invited. Box P-45, BROADCAST-ING.

For sale—A Collins 26-J-1 Auto level limiting amplifier, near new \$150.00. Collins ATC PB 150/PB 190 cartridge playback unit, near new \$325.00. Collins ATC AB 150/AB 190 record amplifier for above w/connecting cables \$2200.00. Contact Howard L. Harrington, Box 385, Ogallala, Nebrlaska.

RCA TT5A tuned to channel 2. Priced to sell quickly. Write Box M-23, BROAD-CASTING.

Reversable geared motors, ideal for remote control, 24 volts AC or DC. \$10.00 each write Box P-72, BROADCASTING.

Sacrifice 4 sets RCA TV eye Vidicon cameras in good working condition. \$200 each. Paul McAdam, Box 691, Livingston, Montana.

Machenzie repeater system. 1 CPR record unit. 5 CPB playback unit. 150 cartridges and miscellaneous supplies. \$750. Magnecord PT6-6 complete recorder. Richard Haskey, KGUD, Santa Barbara, California.

Federal 191-A, 192-A or 193-A FM transmitter operators. We plan dismantling a 192-A in good operating condition. Want spare parts? Write KUTE, 217 West Broadway, Glendale 4, Calif.

Antenna relay EF Johnson DPDT contractor 145-202-13 brand new \$65.00. WHAI, Greenfield Mass

190' guyed tower for immediate sale to best offer. Purchaser must dismantle and haul. Call Jimmy Childress, 586-2221, Sylva, North Carolina

RCA microphone, type BK-11A, Junior velocity, like new, used only twice, complete with microphone stand, cable, Cannon plug, \$110. WBVM, 1924 Genesee St., Utica, N. Y.

For sale: Gates spot tape used less than one year. Original cost \$1,000 will take \$400. WQXT, Palm Beach, Fla.

Three (3) Blaw-Knox 200 ft. self-supporting towers galv. in excellent condition. P. O. B. 575, Vidalia, Georgia.

1 KW Gates FM 1B Transmitter, Used 8 months, reasonable, Tel. 513-866-5929, P. O. 222, Miamisburg, Ohio.

BUSINESS OPPORTUNITY

Will trade 15 years of successful large market ownership-management experience for managerial position with stock option. All communications will be answered in confidence. Box P-90, BROADCASTING.

MISCELLANEOUS

38,000 Professional Cemedy Lines: Topical laugh service featuring deejay comment, introductions. Free catalog. Orben Comedy Books, Atlantic Beach, N. Y.

Need help? 1000 Super dooper hooper scooper one liners exclusive in your market. Free sample. Lyn Publications, 221, Steiner St., San Francisco.

Miscellaneous—(Cont'd)

Two daily 4:30 feature reports, with the actual voices of the newsmakers, on top national and international stories. Perfect partner to complement your sparkling local coverage—daily tape via air mail special delivery. Peak listener reaction—low cost. Let us join your team. Write Box N-61, BROADCASTING.

Jockey Joker is a new series of one line gags for deejays. This publication will be habit forming. First issue \$2.50. Show-Biz Comedy Service (Dept. BJ) 65 Parkway Court, Brooklyn 35, New York.

INSTRUCTIONS

FCC first phone license preparation by correspondence or in resident classes. Grantham Schools are located in Los Angeles, Seattle, Kansas City and Washington. For free 44-page brochure write: Dept. 3-K, Grantham Schools, 3123 Gillham Road, Kansas City, Missouri.

Elkins training now in New Orleans for FCC First Class License in 6 weeks. Nationally known for top quality theory and laboratory instructions. Elkins Radio School, 333 Saint Charles, New Orleans, Louisiana.

Be prepared. First class FCC license in six weeks. Top quality theory and laboratory training. Elkins Radio License School of Atlanta, 1139 Spring St., N.W., Atlanta, Georgia.

FCC first phone license in six weeks. Guaranteed instruction in theory and laboratory methods by master teachers. G.I. approved. Request free brochure. Elkins Radio License School, 2603 Inwood Road, Dallas, Texas.

Elkins Radio License School of Chicago— Six weeks quality instruction in laboratory methods and theory leading to the FCC First Class License. 14 East Jackson St., Chicago 4. Illinois.

Anneuncing, programing, console operation. Twelve weeks intensive, practical training. Finest, most modern equipment available. G. I. approved. Elkins School of Broadcasting, 2803 Inwood Road, Dallas 36, Texas.

San Francisco's Chris Borden School continues top placement record. Proven 1st phone and "modern" sound. Illustrated brochure. 259 Geary St. Next class January 13.

Save time! Save money! Come to beautiful, warm and sunny Florida and get your FCC first class license in just five (5) weeks! Full resident tuition only \$295.00. License or complete refund. Free placement. Radio Engineering Institute of Florida, Inc., 135 N. Pineapple Ave., Sarasota, Florida.

Since 1946. Original course for FCC first phone operator license in six weeks. Over 420 hours instruction and over 200 hours guided discussion at school. Reservations required. Enrolling now for classes starting January 8, March 11, May 13. For information, references and reservations, write William B. Ogden Radio Operational Engineering School, 1150 West Olive Ave., Burbank, California.

Announcing, programing, first phone, all phases electronics. Thorough, intensive practical training. Methods and results proved many times. Free placement service. Allied Technical Schools, 207 Madison, Memphis, Tennessee.

Special accelerated first phone preparation available at Los Angeles Division of Grantham Schools. New classes begin January 13, March 16, and May 18. Lab training and advanced electronics available after first phone course to, those who wish to continue. For free brochure, write: Dept. 3-B, Grantham Schools, 1505 N. Western Ave., Los Angeles, Calif. 90027

Train now in N.Y.C. for FCC first phone license. Proven methods, proven results. Day and evening classes. Placement assistance, Announcer Training Studios, 25 W. 43rd, N. Y. OX 5-9245.

INSTRUCTIONS—(Cont'd)

Intensive thirteen week course in announcing, control board operation, production, news and copy writing. All new and most modern equipment, facilities. Graduates enter first jobs with confidence. P. L. Hughes, Director, Broadcasting Institute of America, Inc., P.O.B. 53321, New Orleans 50, Louisian.

lst ticket class . . . 6 week course resident, or correspondence Live and study in Denver, Colorado. The greatest! Write for bulletin. Next resident class starts January 13. Signal Broadcasting, 431 W. Colfax, Denver, Colorado, 80204. Also announcing, station operations course and TV production.

America's pioneer. 1st in broadcasting since 1934. National Academy of Broadcasting, 814 H St. NW, Washington 1, D. C.

Beginning announcers! Get the groundwork for your radio career at home through a complete tape course. Covers announcing, production and programing. Audio examples, lectures, lesson manuals. The best low cost way to learn the ropes. Free brochure. Capco Broadcasting Instruction, Box 5053, Tulsa, Oklahoma.

FCC License in six weeks. Total cost \$300.00, radar endorsement included. Resident class only. Your opportunity in Space City. Houston Institute of Electronics, 652 M and M Building, Houston, Texas. Next class January 13th.

Pittsburgh, FCC first class "success-proven" accelerated course now in Pittsburgh. Day or evening. Free placement. For brochure, write American Electronics School, 415 Smithfield St., Pittsburgh 22, Pa. Phone 281-5422.

Help Wanted-Sales

RADIO SALESMAN

Modern format network station needs young, aggressive time salesman who knows his product. Guaranteed draw and account list. Should be capable of future development. Send complete info, including present salary,
FRED EPSTEIN
KSTT, DAVENPORT, IOWA

Help Wanted-Announcers

Announcers-Sales

Positions open—coast to coast. 125 offices to serve you. Send tape and resumes to Holen Clark Snelling & Snelling, 917 Washington

Street, Wilmington, Delaware

Technical

ENGINEER-ANNOUNCER

A top metropolitan market popular music and news station needs an all nite announcer-engineer. Must know audio and be capable to perform maintenance on Automatic Tape Control, Collins and MacHenzie as well as, Continental Electronics remote control equipment. Start \$575 to \$600 per month. Send tape of air work and resume to include engineering background.

Box P-226, BROADCASTING

Situations Wanted-Announcers

TOP RADIO/TV PERSONALITY

Once every few years one of "us" become Once every few years one of "us" become available. Professional by every standard. 20-yrs. Top ratings. Miami-New York-Hollywood 9 with major chains . . . Bartell, McLendon then Crowell-Collier. Valid reasons for leaving KDWB after 5-yrs. Savvy . know-how . acc-gagman reputation. TV emeceting . nite-club . . novies . playwriting . newspapers . not intune to P.D.ing. Versatile . . adaptable to any format. Tapes . . . brochure . . . top refs.

HAL MURRAY . . . 2490 BEACON ST. . . . ST. PAUL, MINN. . . . 55113 . . . PH 633-3930

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ALL MAJOR U. S. MARKETS
MIDWEST SATURATION WRITE FOR APPLICATION NOW BROADCAST

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The leading company for the recruitment and placement of: BROADCAST PERSONNEL

Agency 527 Madison Ave. New York City 10022 SHERLEE BARISH, Director

WANTED TO BUY—Stations

WILL BUY ALL OR PART

Rudio Exec. seeks all or part ownership of radio or TV station in Iowa, Illinois, Wisc. or Indiana. Have B. S. Degree. Strong background in Operations, Programing, News. Sales. Replies confidential to:

Box N-173, BROADCASTING

-WANT STATION-

Prefer Mass.-Conn.-R. I.-N. Y. Veteran manager will buy 51%-100% AM Station; will owner-operate. Must be realistic price with terms. CONFIDENTIAL.

BOX P-225, BROADCASTING

WANTED TO BUY

Stations (Cont'd)

WANT TO BUY **FULLTIMER**

1 KW to 5 KW Money maker in Texas. Principles only. Box 5096, Lubbock, Texas,

FOR SALE-Stations

WESTERN METRO DAYTIMER Has averaged almost \$70,000 gross over past eight year period but suffering under absentee ownership. Metro population 90,000, trade area 250,000. Priced at \$50,000 for quick sale. Very little cash down for reliable, qualified, operators. Phone 208-344-3794 after 7 PM MST.

OHIO STATION

5 KW-N I KW-D Profitable absentee owned station for sale on terms to financially qualified buyer. Cash flow will justify asking price. Send financial qualifications with your inquiry.

Box P-210, BROADCASTING

THE PIONEER FIRM OF TELE-VISION AND RADIO MANAGE-MENT CONSULTANTS **ESTABLISHED 1946**

Negotiations Appraisals

Management Financing

HOWARD S. FRAZIER, INC. 1736 Wisconsin Ave., N.W. Washington 7, D. C.

CONFIDENTIAL NEGOTIATIONS For Buying and Selling

RADIO and TV STATIONS

in the eastern states and Florida W. B. GRIMES & CO.

2000 Fiorida Avenue, N.W. Washington 9, D. C. DEcatur 2-23)1

FOR SALE—Equipment

TAPECASTER SELLS DIRECT

Quality Tape Cartridge Equipment Top Performance—Reasonably Priced

Model TV-1500 All Transistorized Combination Record-Playback Unit _____\$545.00 Model 600-P Transistorized Playback Unit \$250.00

TAPECASTER ELECTRONICS, Box 622, Rockville, Maryland

Continued from page 107

Big Chief Broadcasting Inc. (KLPR), Oklahoma City. Action Dec. 6.

By Hearing Examiner Sol Schildhause

■ Granted petition by Ottawa Broadcasting Corp. (WJBL), Holland, Mich., to continue certain procedural dates and hearing from Jan. 7 to Feb. 25, 1964. in proceeding on AM application. Action Dec. 9.

By Hearing Examiner Herbert Sharfman

granted petition by Prince William Broadcasting Corp. (WPRW). Manassas, Va., to reopen record in proceeding on AM application. et al. (Docs. 14873 et al.; received in evidence exhibit 16 and again closed record). Action. Doc. 44 record). Action Dec. 4.

By Hearing Examiner Elizabeth C. Smith

■ Accepted late filed proposed findings by Broadcast Bureau in proceeding on AM application of WAEB Broadcasters Inc. (WAEB). Allentown, Pa. Action Dec. 10.
■ Granted motion by Midwest Radio-Television Inc. (WCCO), Minneapolis. to continue Dec. 9 further hearing conference to Dec. 10 in proceeding on application of Municipal Broadcasting System for SSA to operate WNYC New York additional hours from 6 a.m. EST to sunrise New York and from sunset Minneapolis to 10 p.m. EST and Midwest's petition to cancel SSA, etc. Action Dec. 5.

BROADCAST ACTIONS by Broadcast Bureau

Actions of Dec. 10

Actions of Dec. 10

WHAY New Britain, Conn.—Granted renewal of license.

WFAG Farmville, N. C.—Rescinded Nov. 27 action which granted renewal of license.

KOGT Orange, Tex.—Granted mod. of license to change studio location; remote control permitted; conditions.

KABE Westwago, La.—Granted mod. of CP to change ant.-trans. and studio locations and remote control point, change type trans. and make changes in ant. system.

Following stations were granted extensions of completion dates as shown: WENG Englewood. Fla.. to April 15. 1964; KBVU Bellevue, Wash. to Feb. 1. 1964; KCVR Lodi, Calif.. to Jan. 1, 1964; WIKI Chester, Va.. to April 11. 1964; WBLF (aux. trans.) Bellefonte. Pa., to Jan. 31. 1964; KNOP North Platte, Nebr.. to Jan. 1. 1964; WMRO-FM Aurora, Ill., to April 15, 1964.

FOR SALE

Stations (Cont'd)

To buy or sell Radio and/or TV properties contact:

PATT McDONALD CO. P. O. BOX 9266 - GL 3-8080 AUSTIN 56, TEXAS

STATIONS FOR SALE

FAR WEST. Fulltime. Priced at \$75,000. NEW ENGLAND. Exclusive. Priced at \$85.-000. Terms. SOUTHWEST. Exclusive. Priced at \$150,000.

JACK L. STOLL & ASSOCS. 6381 Hollywood Blvd, Los Angeles 28, California

Fla. Ga. Me. M. W.	coast small single medium	daytime power daytime daytime	\$	50M 90M 100M 85M	terms SOLD 29% terms
West	Top 50	fulltime	- l	,000M	29%

buying and selling, check with V CHAPMAN COMPANY INC 2045 PEACHTREE RD., ATLANTA, GA. 30309

Actions of Dec. 9

Cimarron TV Club, Cimarron and Dawson, both New Mexico—Granted CP for new VHF TV translator on channel 9 to translate programs of KGGM-TV (ch. 13) Albuquerque. N. M.

WQTY Arlington, Fla.—Granted CP to change ant.-trans. location to Jacksonville. Fla., and make changes in ground system.

- Fla., and make changes in ground system.

 g Granted licenses for following noncommercial educational TV stations: WMVT Milwaukee: KTXT-TV Lubbock. Tex.: WGSF Newark. Ohio; KYVE-TV Yakima, Wash.: WEDH Hartford, Conn.. redescribe trans. location as Avon, Conn., and specify studio location as Trinity College, Hartford; KLRN San Antonio, Tex.. and change main studio location to Radio/TV Building, Campus of University of Texas. Austin. Tex.: WOUB-TV Athens, Ohio. and redescribe studio location: KVCR San Bernardino, Calif.. and specify ERP as 5.75 kw vis. and 3.09 kw aur.: KWSC-TV Pullman. Wash., and specify ERP as 3.3 kw vis. and 1.7 kw aur.
- M Granted licenses covering changes for following noncommercial educational TV stations: WCET Cincinnati; KUED Salt Lake City; KETC St. Louis and redescribe trans. location; condition.
- City; KETC St. Louis and redescribe trans. location; condition.

 Following stations were granted extensions of completion dates as shown: KCHV Coachella, Calif... to Jan. 2. 1964; WTIP Charleston, W. Va., to Jan. 15, 1964; WSLM Salem. Ind., to Jan. 1, 1964; WSLM Salem. Ind., to Jan. 1, 1964; WSLM Salem. Ind., to Jan. 1, 1964; WDGY Minneapolis to May 1, 1964; WHBL Sheboygan, Wis., to May 1, 1964; WHAN Lancaster. Pa., to Feb. 1, 1964; WHHY (main trans.) Montgomery. Ala., to Jan. 15, 1964; WMTL Leitchfield, Ky.. to Jan. 31, 1964; KGBA Santa Clara. Calif., to Jan. 1, 1964; WFRC Lincoln. Ill., to May 6, 1964; WIVI Christiansted. V. I., to Feb. 25, 1964; WTOR Torrington. Conn., to Jan. 1, 1964; WHHY-FM Montgomery, Ala., to Jan. 15, 1964; KCRA-FM Sacramento. Calif., to Feb. 15, 1964; KHSJ-FM Hemet. Calif., to Feb. 15, 1964; WCEN-FM Mt. Pleasant. Mich., to May 11, 1964; KBOX-FM Dailas to April 30, 1964; WSFM(FM) Birmingham. Ala., to April 30, 1964.

Actions of Dec. 6

KVSO Ardmore, Okla.—Granted license covering increase in daytime power and installation of new trans.

KLIQ Portland, Ore.—Granted license covering installation of old main trans. as aux. trans. only.

KSOM(FM) Tucson, Ariz.—Granted license covering change in ERP and installation of new trans.

Topeka Broadcasting Association Inc., Topeka, Kan.—Granted CP for new VHF TV translator on channel 7 to translate pro-grams of WIBW-TV (ch. 13) Topeka, Kan.

*KPEC-TV Lakewood Center, Wash.-Granted CP to change type trans.

WEAW-FM Evanston, III.—Granted mod. of SCA to make changes in programing; without prejudice to whatever action commission may deem appropriate in connection with WEAW-FM renewal application, and shall not be construed as authorizing use of superaudible or subaudible signals for the purpose of main channel (simplex) receiver control.

KVDO-TV Corpus Christi, Tex.—C

WNPS New Orleans—Granted extension of authority to operate from 10 a.m. to 6 p.m., five days weekly, for period ending Dec. 31.

KFNF Shenandoah, Iowa-Granted exten-

Dec. 31.

KFNF Shenandoah, Iowa—Granted extension of authority to operate with sign-off at 7:15 p.m., Monday through Saturday, and 7:30 p.m. Sundays. except for special events, for period ending Feb. 15, 1964.

Granted CP's to replace expired permits for following new VHF TV translator stations: K02BH. Ute Mountain. Ute Tribe of Indians, Aneth, Utah and Towacc, Colo.; K07BA, Mizpah TV Club. Coalwood. Mont., and modify trans. apparatus; K02CG. K07EA. 3 Cities TV Club Inc.. Riddle, Canyonville, Tri City, and Myrtle Creek. all Oregon. change type trans. and make changes in ant. system.

Following stations were granted extensions of completion dates as shown: WONE TV Dayton, Ohio, to June 6, 1964; WATO Oak Ridge, Tenn. to Jan. 1, 1964; WATO New Orleans to May 1, 1964; WGDB (main trans.) Miami to June 10, 1964; WGBS (main trans.) Miami to June 10, 1964; KHFH Sierra Vista. Ariz... to Feb. 28, 1964; KEEN San Jose.

Calif., to May 1, 1964; WWWW Richmond, Va.. to May 7, 1964; WOLF Syracuse, N. Y., to Jan. 19. 1964; KWJJ Portland. Ore.. to May 15, 1964; KRPM(FM) San Jose, Calif., to May 1, 1964; WHPL-FM Winchester. Va., to May 15, 19⁶⁴ *KFME(TV) Fargo, N. D., to March 1, 1964.

Action of Dec. 5

American Broadcasting-Paramount Theatres Inc., New York—Granted extension of authority to deliver programs to stations (AM or FM) under control of Canadian Broadcasting Corp. or to any licensed stations in Canada where programs have been, are being, or will be broadcast in U. S. by ABC licensees or permittees, for period ending Dec. 5, 1964; conditions.

Actions of Dec. 4

Community TV Association Corporation, Red River, N. M.—Granted CP for new VHF TV translator on channel 12 to translate programs of KGGM-TV (ch. 13) Albuquerque, N. M.

WAST(TV) Albany—Granted extension of completion date to June 4, 1964 (main trans. and ant.).

Action of Dec. 3

WOWO New York—Granted authority through current license term to deliver play-by-play descriptions of hockey games via leased telephone landlines to CFCO Chatham, Ontario, Canada.

Actions of Dec. 2

■ Granted CP's for following new VHF TV translator stations: Chinook T. V. Association Inc. on channel 6, Chinook, Zurich, Fairview, and Clear Creek, all Montana, to translate programs of KRTV(TV) (ch. 3) Great Falls. Mont.; Jackson Hole Translator Inc. on channels 11 and 13. Jackson. Wyo., KID-TV (ch. 3) and KIFI-TV (ch. 8), both Idaho Falls. Idaho.

Actions of Nov. 29

WETT Ocean City, Md.-Granted renewal of license.

W. C. Whitchurch, Glenwood Springs, Colo.—Granted CP for new VHF TV translator on channel 7 to translate programs of KREX-TV (ch. 5) Grand Junction, Colo.; condition.

Rulemakings

AMENDED

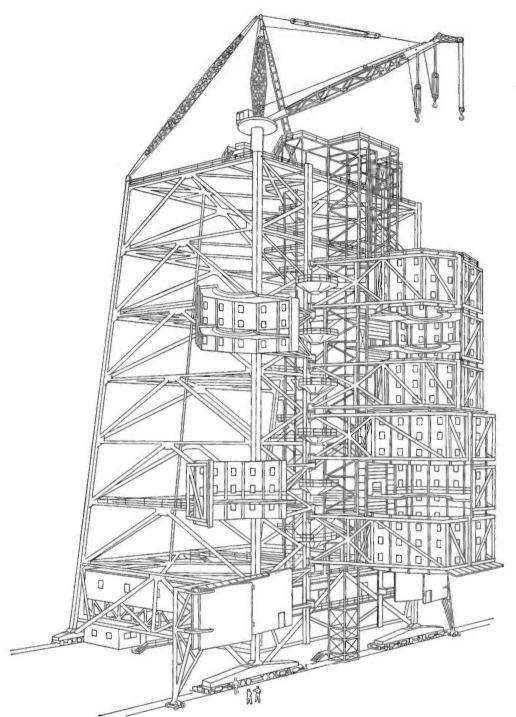
By order, commission amended procedural rules to provide that beginning Jan. 1, 1964. hand-carried applications that are accompanied by fee payments for filing with commission will be delivered to mail and files division, office of executive director, Room 7226 in New Post Office Building, Washington. Action Dec. 5.

PETITIONS FOR RULEMAKING FILED

- WPMP Pascagoula, Miss.—Requests institution of rulemaking proceeding to allocate frequency of 98.9 nc for use as class C FM at Pascagoula. Received Nov. 26.
- wYRB Frostburg Md.—Requests institution of rulemaking proceeding looking toward allocation of channel 287B to Frostburg as follows: Frostburg: delete channel 244A, add 287B; Oakland, Md.; delete channel 285A, add 244A. Received Nov. 27.
- WLOD Pompano Beach. Fla.—Requests institution of rulemaking proceeding to assign new channels as follows: Pompano Beach: add channel 274; Delray Beach. Fla.: delete channel 274, add 300; West Palm Beach, Fla.: delete channel 300, add 221. Received Nov. 29.
- South Dakota Educational Television Association Inc.—Requests institution of rulemaking proceeding looking toward reservation of VHF channel 2 at Poscoe. S. D., for noncommercial educational use. Received Nov. 29.
- eeived Nov. 29.

 WRFD-FM Columbus-Worthington, Ohio

 Requests institution of rulemaking proceeding looking toward revision of FM table of assignments as follows: Jackson. Ohio: delete channel 249A. add 261A: Kenton, Ohio: delete channel 252A, add 237A: Lima, Ohio: delete 249A, add 285A. Received Dec.



BIGGEST THING IN THE WORLD ON WHEELS

It's the steel service tower of Complex 37 Vertical Launch Facility, the ground hardware that is going to send the Saturn rocket into earth orbit. It's so high that on a clear day you can see it when you're more than ten miles away from Cape Kennedy.

The tower rolls on wheels so it can be readily moved to and from the launch pad to erect the Saturn rocket and provide thousands of separate servicing operations before firing. This design was made possible by United States Steel research. The tower designers worked closely with U. S. Steel technical people selecting the proper steel (ranging from reliable carbon steel to others which are as much as 300% stronger

and possessing unusual properties) for each member, and together they produced this nimble giant unlike anything ever before created.

anything ever before created.

The same USS steels have already made possible improved designs in earthmoving equipment, transportation equipment, and construction. America grows with steel—and U.S. Steel is first in steel.



This mark tells you a product is made of modern, dependable Steel.

United States Steel USS

OUR RESPECTS to Richard Charles Block

The right odds make a gamble worthwhile

A lot of eyebrows went up when, in mid-1962, Kaiser Industries applied for UHF stations in five major markets. UHF at that time was considered to be the wrong part of the spectrum, a sort of TV slum area where one would not expect to meet a blue chip organization like Kaiser, with money enough to go first class and buy a VHF station if it really wanted to get into major market television.

But those eyebrow raisers were not acquainted with the man responsible for those UHF applications, Richard C. Block, general manager of the Kaiser Broadcasting Division of Kaiser Industries Corp.

Mr. Block likes to think things out in advance. He's willing to take a chance, to back a longshot if the odds are right and the opportunity for success is there, but he wants to know the pros and cons in advance, so he can do whatever needs to be done to bring home a winner.

When Mr. Block recommended UHF to Kaiser he did not present a picture of fast profits. Instead, he made it quite plain that a new UHF station in a major market already served by several VHF stations could probably lose money not only at first but for several years. But, with the increase in the UHF set count expected to start after next April, when only all-channei TV sets go on the market, a few years should put a UHF station in a competitive situation that will give it a chance for profitable operation.

Boy Announcer Richard Charles Block has carried on a love affair with broadcasting for as long as he can remember. As a boy in San Francisco (where he was born Dec. 17, 1926) his idol was Mort Werner, a neighborhood lad about 10 years older who was an announcer. In 1939, Mort went to Los Angeles to work at KMTR (now KLAC) as "The Singing Announcer" and that summer young Richard performed what was perhaps the greatest selling job of his career.

He persuaded his parents to take him to Los Angeles and he persuaded Mort to let him work at the station. "I wrote commercials for Star Furniture," he said, "and when Mort let me read my words on the air I was the proudest 13-year-old in the land."

Not long after, Mr. Block became an FM fan, one of the first in San Francisco. In the fall of 1944, while waiting for his 18th birthday and his admission into the Merchant Marine Cadet Corps, he worked as an announcer and copy writer at KALW(FM), pioneer FM station on the West Coast, owned by the 'n Francisco Unified School District.

After the war he went to Stanford University, where he was graduated with an AB degree in 1949. A year later he went back to FM as program director of KDFC(FM) San Francisco.

FM To UHF • Once more his career in FM was interrupted by a bugle call. This time it was the Korean War and a two-year hitch in the Coast Guard, chiefly as port security officer at San Francisco's Fort Mason. Discharged in 1953, he married Cecelia Uhfelder, "a neighborhood girl I'd known since she was four," and started looking for a job-in broadcasting, of course. He found one at a pioneer UHF station, KTVU, channel 36 in Stockton, Calif. "I was hired to do a survey," he recalled, "but they let me do other things as well for my \$225 a month and they even put my bride on the payroll as night telephone operator."

A VHF station, KOVR, came into Stockton; KTVU went into limbo and Mr. Block joined KOVR, where he announced, wrote continuity and "had my first experience with a regular commercial TV station."

In September 1955, he moved to KCRA(TV) Sacramento as traffic manager and sales promotion man. Here the owner-manager, the late Ewing Kelly, "gave me an insight into the broadcasting business. He was a great broadcaster and working for him was a real education."

At KCRA, Richard Block was indoctrinated into national sales. On a trip to New York in January 1957, he saw his old friend, Mort Werner, for the first time since 1939. Mr. Werner, now a program executive at NBC-TV, told



Mr. Block

Mr. Block what he needed was some major market experience. "Mort used an unforgettable phrase: 'it is very important to add to your personal inventory.' So I quit my job at KCRA and went to San Francisco, the only major market I knew anything about. Luck was with me. The first afternoon I went to KRON-TV and asked to see the sales manager. Norm Louvau. His secretary told me I'd have to telephone for an appointment. Then, when I was properly squelched, she said: 'He's free now, go on in.' I did and was hired as sales promotion director and merchandising manager."

A year went by at KRON-TV. Then Mort Werner cropped up in San Francisco as vice president of Kaiser Industries and offered Mr. Block the job of managing the Kaiser stations, KHVH-AM-TV Honolulu.

Mr. Block, with a lot of ideas he wanted to try out, readily accepted. "And there I was," he said, "managing a network-affiliated TV station as well as a radio station. Then Hawaii got state-hood and how could we miss?"

Back To FM And UHF In 1961, Mr. Block was brought back to San Francisco to map a campaign for expanding the list of Kaiser broadcast properties. His first move was to buy a San Francisco FM station, KBAY, which he promptly rechristened KFOG ("It's a natural for San Francisco and our foghorn sound is an unforgettable station identification").

Next came his UHF proposal, which has resulted in construction permits for stations in San Francisco, Corona (covering Los Angeles) and Detroit. Meanwhile, Richard Block spends about one week a month in Hawaii, keeping a supervisory eye on KHVH-AM-TV as well as pushing his new assignment in real estate. A year ago he was made vice president and general manager of the Kaiser Hawaii-Kai Development Corp., a 6,000-acre satellite city development about 10 miles from downtown Honolulu

The Hawaii-Kai position terminates for Mr. Block at the end of this month so he can devote full attention to broadcasting. "Since we were passing from land development to sales I borrowed the TV sales manager for the job," he commented, "and we were the first real estate development with an availability sheet."

The Blocks and their children, Julie, 7, and Nicholas, 3, live in the Seacliff section of San Francisco, a 15-minute drive from his office in Kaiser Center, towering over downtown Oakland.

No bull, Mr. Duram

T is always refreshing—although it ought to be commonplace—to see advertisers and agencies get their backs up in defense of radio and television. Thus Art Duram's speech in Pittsburgh the other day (BROADCASTING, Dec. 9) deserves special notice.

What Mr. Duram said was not essentially new or particularly newsy—if it had been said by a broadcaster. Its importance came from the combination of what was said and who said it. Mr. Duram is senior vice president for television and radio at Fuller & Smith & Ross, and his voice therefore was a heartening sign that the people who rely so heavily on broadcasting in their own businesses will resist threats to its vitality as a business medium—or as an information and entertainment medium, which is the same thing.

What Mr. Duram said was that in a number of high-sounding policies the government and in particular the FCC have degraded the public interest in whose name those policies were invoked. He looked aghast at the prospect of a government-managed broadcasting, whose results he said would be, at best, "a clumsy, crippled form of commercial TV" and, at worst, a disappearance of competitive broadcasting and the development of "some form of pay television."

Mr. Duram is not, of course, the only client who has stood up in broadcasting's defense. But it is mystifying that there have been so few. Broadcasters and the buyers will always have their differences, but basically they are allies, not enemies. Whatever weakens one impoverishes the other. Not only broadcasting, but all users of broadcast advertising, need more men representing the other partnership in this alliance to speak out as knowledgeably and as forcefully as Art Duram did in Pittsburgh.

Time for a showdown

OR some time very little has been said on this page about LeRoy Collins, president of the National Association of Broadcasters. The view here has been that although criticism of Mr. Collins's administration was often justified, a certain deference was owed him while he made what many broadcasters predicted would be an adjustment from his lifelong career as a politician to the unfamiliar work of representing private enterprise.

The adjustment that has been awaited has failed to materialize.

This publication does not pretend to know what is on Mr. Collins's mind. His actions of recent weeks suggest, however, that his thoughts may be concentrated at least as much on a resumption of a political career as on a permanent commitment to his present affiliation. Consider the evidence:

- At a chamber of commerce meeting in Columbia, S. C., to which he had been invited to speak on broadcasting matters he delivered a condemnation of Southern resistance to integration and an appeal for the advancement of civil rights.
- Within a few days he followed the Columbia address with another in Los Angeles that amplified his earlier theme. In Los Angeles he also urged the institution of federal-state conferences to resolve differences over federal and state jurisdictions.
- In the same week he refused to deny a published report in the *Miami News* that he was considering running for the United States Senate. The report was written by the editor of the *News*, Bill Baggs, a good friend of Mr. Collins.

The undenied Miami News report and the two speeches

on subjects wholly unrelated to broadcasting but of paramount interest on the current political scene can hardly be expected to resolve broadcasters' doubts about the future of their association president. Last week, as reported elsewhere in this issue, some broadcasters asked him about he intentions. They got evasive replies.

The development of indications that Mr. Collins may I reverting to character as a practicing politician comes at time when he is giving broadcasters other reasons for cocern. In a speech Nov. 30 to an assembly of the Nation Council of Churches he devoted much of his text to a cricism of cigarette advertising, a subject unrelated to the meeting but skillfully timed to call attention to the imminent report of the U. S. surgeon general on the relation of smoking and health.

As matters now stand, Mr. Collins has maneuvered the NAB boards, which meet late next month, into a position where they will find it difficult to avoid taking some kind of action on cigarette advertising. Assuming that the surgeon general's report finds some statistical connection between smoking and various diseases, Mr. Collins will be able to assert the rectitude of his criticism of cigarette advertisinand to apply pressure for NAB board action on the implies threat that inaction will precipitate more public speeches of the subject by the leader the boards will have disavowe For a hired employe who is theoretically answerable the boards he has put on the spot, Mr. Collins is exhibiting astonishing independence.

The board meeting next January will not be the first which Mr. Collins's personal aspirations and maneuvers haven been the dominant theme. At every meeting since I became president, the board members have assembled with the firm intention of somehow getting their fractious employe under control. And during every meeting they haven beguiled into thinking, as the phrase has gone, that "Roy is coming around."

The events of recent weeks ought to crystallize boar opinion.

Mr. Collins unquestionably has the intelligence and the experience to become a good president of the NAB. At the moment there must be considerable doubt that he has the necessary interest to become one.

He owes it to the association, which pays him \$75,000 a year plus generous expenses, to assume the fulltime job as the paid advocate of broadcasters' interests. The boardowes it to the NAB membership to state the requirements of the office of the presidency and to develop administrative procedures to assure that the requirements will be met.



Drawn for BROADCASTING by Sid Hix "Will the real Santa Claus please stand up?"