

Index to Television Digest, 1956: Volume 12

References are grouped into three major categories: General (pages 1-7), Manufacturers & Merchandisers (pages 7-8), Supplements (page 1). Index attempts to cover only items considered to be of more than passing interest. Reference numbers following each item designate issue and page of Newsletter in which item appeared.

General	Hazel Bishop-Matty Fox time-for-film barter deal, 47:14 new technique for testing effectiveness of com- mercials. 48:4	AM (Standard) Broadcasting (see also specific networks and Advertising) Cities Service drops concerts, 1:16 remote control rules, 7:9, 15:16
ADVERTISING Publishers Information Bureau reports on net- work billings, 2:16, 6:16, 13:10, 15:16, 19:16, 22:16, 26:16, 82:14, 37:16, 41:14, 45:14, 51:18 newspapers vs. TV, 4:4, 7:3 NARTB bits free movie pluxs, 5:6, 18:7	ARF officers, 48:6 top 40 TV-radio agencies, per 'Broadcasting- Telecasting', 50:10 10% increase in 1957, says 'Printers' Ink', 51:11 100 top advertisers in 1955, compiled by 'Adver- tising Age', 52:8	share of ad dollar, 11:7 Conelrad Civil Defense program, 12:8 "Monitor" format in Australia, 12:9 changes due in network sales patterns, 14:3 daytimers petition for longer hours, 12:4, 14:8, 25:7, 28:6, 48:6
Rorabaugh Reports on TV spot, 5:7, 32:7, 33:5 summer lay-off policy, 5:7, 7:8, 10:8 'Printers' Ink' 1955 ad figures, 6:1, 9:8 Sen. Magnuson & Monroney on "overcommercial- ism," 6:4	1954 newspaper revenues, per Census, 52:14 ALLOCATIONS uhf court appeals in Corpus Christi, Madison & Evansville, 5:4, 7:4, 14:4 Congressional hearings, 4:2, 6:2, 9:6, 10:5, 11:2, 14:1: 20:2	Radio Pioneers officers, 15:8 National Radio Week, 15:16, 16:15, 19:7, 33:8 NBC affiliates approve option hours shift, 16:11 world radio circulation exceeds daily newspapers, 18:5 Russia marks invention of radio, 19:8

TV dollars mostly "new money" says TvB, 7:2 Comr. Lee warns on commercials, 7:7 FTC checking commercials, 7:7, 41:14 McConnaughey asks industry clean-up of abuses, 8:5

TvB membership, 7:8, 10:6

newspapers set record, 4:8, 18:9 ten top agencies of 1955, 9:5 bank spending, 9:8 AAAA convention, 10:6 pressure ads attacked, 11:1, 12:8 FTC Comr. Mason lashes "hucksterism," 11:5, 14:6 14:6

bait-&-switch monitored in Brooklyn, 11:5

Dail-&-switch monitored in Brooklyn, 11:5 TvB officers, 12:6, 42:2, 46:5 Advertising Council officers, 12:6 hassle over effectiveness of TV for autos and other durable goods, 13:3, 14:4, 24:9, 26:8, 27:6, 43:5

Westinghouse's McGannon attacks "bait" ads,

Westinghouse's McGannon attacks "bait" ads, 14:6
Montgomery Ward spot trial run, 14:6
spot expenditures, 15:4, 19:3, 33:5, 46:7
Kintner's NARDA speech, 16:3
Shafto defends NARTB Code, 16:11
Sen. Magnuson asks funds to check "bait-switch," 17:7
Census figures on agencies & receipts, 18:7
newspapers biggest "questionable ad" offenders in 1955, 19:4
ANA committee to study agency compensation, 19:4, 43:14
1955 world expenditures exceed \$12 billion, 19:8
"paid plug" practice, 21:9
breakdown of ad budget of Carnation Milk, "typical leading advertiser," 22:5
NARTB TV code review board acts to bring stations in line, 23:3
FCC opposes use of cease orders for fraudulent practices, 24:7
popularity of commercials surveyed by ARB, 25:6
67 of top 100 advertisers in 1955 spent more on

25:6 67 of top 100 advertisers in 1955 spent more on TV than newspapers, reports TvB, 25:6 magazine revenues, 25:7, 38:7 TV industry private wire communications sys-tem, 26:16 overseas report by 'Advertising Age', 27:6 290 ad millionaires in 1955 says 'Printers' Ink', 28:7

- 290 an infinities in visco cyber 28:7 TV termed too expensive for clothiers, 29:7 'Advertising Age' editorial on free plugs, 29:9 Latex-C&C TV Corp. 5-year spot deal, 30:6 FTC moves to stop networks from promotion hook-up with supermarkets, 30:6, 44:5 A 4 4 a creative workshops. 31:6

hook-up with supermarkets, 30:6, 44:5 AAAA creative workshops, 31:6 \$100,000,000 expended for all media for political campaigns, reports 'Printers' Ink', 32:7 more auto makers return to TV, 33:4 'Fortune' series on advertising, 35:7, 36:7, 41:14 \$10 billion ad expenditure forecast for 1956 by 'Printers' Ink', 36:1 trend to co-sponsorship of nighttime shows halted, reports 'Sponsor', 36:7 ''spread-the-risk'' sponsorship trend, 42:7 ''pitch'' commercials dropped by WGN-TV & WPIX, 39:7 top 100 national advertisers, 39:8

WPIX, 39:7 top 100 national advertisers, 39:8 TVB information center, 40:6 merchandising rights, 41:7 Cannes commercial winners, 42:7 more dept. store advertising sought by TvB, 43:5 \$25 billion volume in 10 years foreseen by 'Printers' Ink', 43:14 electronics firms spend more on ads than other home equipment firms, 44:4 feature movie sponsorships. 46:2

- 14:1, 20:2 Vail Mills court decision 7:4 FCC study, 11:1, 12:2, 14:1, 15:1, 17:1, 18:1, 19:2, 20:2, 21:2, 22:3, 23:2, 24:3, 25:3 cross-polarization suggestion, 11:2 Committee for Competitive TV, 12:2 network proposals to Senate, 13:5 Americans for Democratic Action for all-uhf, 14:2

- 14:2

14:2 "crash" research on uhf, 16:4, 29:6, 32:1, 38:1, 40:2, 42:6, 48:2, 49:3 ODM turns down vhf transfer to TV, 15:1 FCC changes transmitter mileage rule, 21:6 Assn. of Maximum Service Telecasters, 22:3, 31:3, 43:3, 48:2, 51:9 court upholds FCC on authority to make alloca-tions. 23:2

- court upholds FCC on authority to make allocations, 23:2
 FCC's June 30, 1956 allocations proposal, 26:1, 27:2, 29:1, 30:2, 34:6, 35:2, 36:3, 39:3, 40:1
 educational shifted from Ch. 2 to Ch. 48, College Station. Tex., 29:4
 JCET meeting on allocations, 29:8, 36:3
 coverage rules set & deadline extended, 45:4
 McConnaughey on move to all-uhf, 33:6
 Magnuson pushes deintermixture, 37:4
 BCA technique for reducing cochapulations

- RCA technique for reducing co-channel interfer-
- ence, 37:5 ence, 37:5 comments on FCC deintermixture proposal, 37:9, 43:3, 49:11, 50:14 TASO, all-industry allocations study group, 43:2, 44:6, 48:2, 51:9 outlook for additional TV stations, 45:3 FCC to study 890 mc & up, 45:14 Craven proposal, 52:6

Supplements and Special Reports Published During 1956

References are to issues of Television Digest with articles pertaining to documents

Directories

- Semi-Annual TV Factbooks (Spring-Summer and Fall-Winter) with weekly Addenda reporting current FCC grants, applications, new stations on air, etc.
- Annual AM-FM Directory of Jan. 1; with weekly Addenda reporting current FCC decisions, ap-plications, etc. Listings of all AM-FM stations by states and frequencies, all applications by states and frequencies, call letter lists, etc. (In-cludes other North American stations.)

Special Supplements and Reports

- TV Stations in Foreign Countries. Directory of stations operating or planned, based on informa-tion from U.S. and foreign govt. agencies, Radio-Electronics-TV Manufacturers Assn., individual equipment manufacturers and other trade sources. Includes name of operator, frequency, power, date operation began or is due to begin, estimated number of receivers in use, summary of various technical standards, etc. (Vol. 12:1).
- Financial Data on Major TV-Electronics Companies. Statistical summaries of reports of leading public-owned companies. Prepared by Edgar N. Greenbaum Jr., financial consultant in electronics. Two separate compilations—as of Jan. 14 and July 7, 1966. (Vol. 12.2 and 12:27).
- Spet TV Advertising on U. S. Stations. National and regional gross expenditures, before discount, for fourth quarter 1955, prepared by TV Bureau of Advertising. Includes top 200 advertisers by

rank, next 300 alphabetically and by range of expenditures, plus estimated expenditures by product classification. (Vol. 12:15).

- product classification. (Vol. 12:15). TV Households by Regions, States & Counties. Two separate compilations by Advertising Re-search Foundation Inc., derived from Bureau of Census Data, Nielsen coverage reports and other industry sources. Underwritten by ABC, CBS, NBC, NARTB and TvB. First covers estimates as of June 1955 (Vol. 12:17). second as of March 1956 (Vol. 12:39).
- 'An Eighth Wonder of the World." Full text of address by NBC pres. Robert W. Sarnoff, during 30th anniversary convention of NBC at Ameri-cana Hotel, Miami Beach, Fla., Dec. 13, 1956. Stresses impact of public opinion and other major aspects of network operations. (Vol. 12:50) 12:50).

Bound Copies Available

Complete sets of the 1956 Television Digest Newsletters, along with the two 1956 TV Factbooks, Addenda and all Supplements, can be permanently bound between embossed hard covers and be made available on order at \$25 per volume.

- 14:8,
- :11
- ABC experimenting with program patterns, 22:5 roundup of in-use, listening & programming,
- 23:16 AM-FM station totals, 26:4, 52:2

45:8

Navy's Radio Arlington quits, 26:14 towns without newspapers have stations, 27:6 Westinghouse stations drop NBC, 28:7, 29:7,

"treasure hunt" programs criticized, 38:14 KOB, Albuquerque, told to plan for directional nighttime, 45:4 Quality Radio Group, 48:6 foreign set competition growing, 48:10 networks' future surveyed by 'Broadcasting-Tele-casting', 49:13 network sale boost, 50:3 nocket hettery set gets colum WKRC. Cincinneti

pocket battery set gets only WKRC, Cincinnati, 51:14 FCC's report on 1955 revenues-expenses, 52:14

FCC's report on 1955 revenues-expenses, 52:14 AMERICAN BROADCASTING CO. (ABC) buys into Technical Operations, Inc., 1:14, 7:14 XETV affiliation, 3:8, 23:9, 43:14, 47:9 new equipment to overcome daylight saving zone problems, 5:7 stops summer lay-off for sponsors, 7:8 spectaculars, 7:7, 9:7 revamping program schedule, 9:9, 45:14 1956-57 billings, 13:8, 52:8 financial reports, 13:14, 16:17, 17:7, 29:13, 45:14 "Omnibus" to ABC, 15:7 new kine system, 16:9 reopens western regional net, 18:9 negotiating loans, 20:15

treasure hunt" programs criticized, 38:14

Hoffman plans, 10:15 Burdine's demonstrations in Miami, 10:15 Raythcon says its No. 2 producer, 10:15 Philco''Apple,"' 12:1, 38:10 Philadelphia sales, 14:14, 34:14 'NARDA says dealers optimistic, 15:15 Sylvania production, 15:15, 18:14 servicing problems cut, 16:16 children may stimulate sales, 17:14 Hazeltine-American Optical projection, 18:14 Montgomery Ward experiments, 18:14 Chicago sales, 19:10 Kansas City sales, 19:13, 34:14, 43:12 Wilmington promotion, 22:9 RCA cuts price to \$495, 23:11 RCA service contract, 23:10 new GE sets, 23:11, 24:16 CBS's Stanton sees little price drop, 24:16 roundup of manufacturers' 1956 plans, 25:10 survey of Minnesota market, 26:13 consumer financing eased, 27:12, 34:1 RCA promotion, 28:9, 30:12 Magnavox plans, 30:12 Telechrome sues Chromatic, 31:8 lowa study finds price biggest deterrent, 31:8 RCA markups, 32:9 Charlotte sales, 34:14 Dr. DuMont says mass market years off, 34:14 family buys second set, 35:12 Moshington, D. C. sales, 35:12 hotel installations, 36:9 no price cuts seen by RCA, 37:11 RCA closed-circuit promotion, 37:14 RCA closed-circuit promotion, 37:14 RCA closed-circuit promotion, 37:14 RCA closed set, 39:15 Colorado sales, 41:9 WKY-TV contest requires color set, 41:11 'Wall St. Journal' & 'Time' bearish roundups, 42:8 RCA promotion with clothing mfrs., 42:3 Zenith attacks "premature" introduction, 47:9 Station Equipment stations with live cameras, 1:10, 7:15, 9:15, expects to reach majors in 2 years, 20:15 radio billings pass NBC's, 32:7 buys into Wind Tunnel Instrument Co., 35:13 entering movie production. 38:5, 46:16 Kintner resigns, 41:5, 42:1 feature films, 44:9 executive changes, 46:16 joins Warner Bros. in TV film production, 47:3 audience growth, reported by Nielsen, 47:6 AM affiliates endorse network programs, 47:6 signs Sinatra, 48:4 affiliation contracts, 49:7 borrows \$60,000,000 51:16 raising radio rates, 52:8 BOOSTERS & SATELLITES unmanned satellite on Mt. Grizzly, Orc., 3:16 FCC cracks down on illcgal vhf, 8:5, 12:16, 13:4, 28:8 Congress talks of authorizing, 8:9, 18:5, 19:16, 22:16, 26:7 court stays FCC cease order, 10:3 court stays FCC cease order, 10:3 Adler experimental translator, 14:8 in France and Canada, 17:5 Sylvania experimental uhf, 18:10 Quincy, Wash. cease order, 19:6 protect small-town stations from big-city satel-lites, says KTEN, Ada., 20:3 translators may uncover new set market, 22:2 Rep. Don Magnuson says FCC acted illegally in shutting down Hot Springs, Mont., 25:9 FCC seeks to stop Wenatchee, Wash., 29:9 translator outlook, 31:1, 40:3, 48:3 Colo. Gov. Johnson authorizes boosters, 31:2, 32:4, 34:16, 35:5, 36:14 translator rules relaxed, 35:5 translators operating, 36:8, 45:5, 46:9, 47:8, 49:9, 51:8 Palm Springs translator applicant opposed by ANTENNAS, TRANSMITTERS - sec Equipment, Telecasting ANTI-TRUST (see also Patents and Congress) Justice Dept. studies NBC-Westinghouse swap, 1:16, 4:16, 9:1, 48:1, 51:4 Life Music suit against ASCAP & BMI, 2:8 Senate Small Business Committee report, 2:11 International Boxing Guild indicted, 2:16 Govt. suit against Philco, 3:10, 28:10, 29:11 AT&T and IBM suits settled, 4:1, 16:10, 22:9 newspaper & magazine ads, 5'7 Justice Dept. studies networks, 9:1, 9:9, 24:1, 37:1 49:9, 51:8 Palm Springs translator applicant opposed by community antenna, 38:8 1st translator call letters, 38:8 Doyleville, Colo. translator delayed, 44:14 military translators, 45:5, 51:8 BROADCASTERS' PROMOTION ASSN., 47:8 37:137:1 16mm suit, 10:7 option time & "must-buy" termed violations by KTTV's Richard Moore, 13:1 rebates out of new AAAA time & space order blanks, 14:6 BROADCASTERS' PROMOTION ASSN., 47:8 CENSUS, TV RECEIVER NBC Research, 2:6, 8:3 TVA set survey, 4:12 Market Research Corp., 7:16, 21:16, 47:9, 51:10 Census Bureau, 7:16, 20:1 NARTB plans, 12:16 ARF-Census report on set ownership, 31:1 Sindlinger, 32:4 suit against ANPA and 15% fees settled, 17:9, 21:16 Hansen succeeds Barnes, 24:7 Philadelphia radio rate-card suit, 26:8, 31:14, ARF-Census report on set ownersnip, 31:1 Sindlinger, 32:4 CLOSED-CIRCUIT & THEATRE TV Fish & Wild Life research ship, 3:13 U of 11. dental school test, 6:7 Pocatello public school system, 7:4 Michigan State U, 7:5 roundups, 10:1, 17:10, 24:18 Skidmore College, 10:7 passenger use on Rock Island RR, 10:16 excise tax, 11:12 Altect to service GPL systems, 12:15 East West TV Business Conferences firm, 12:16 use by schools endorsed by White House Confer-ence on Education, 14:7 church use increases, 14:7 Visual Electronics Corp., 14:8 SMPTE theatre-TV committee deactivated, 19:16 hotel programming proposed, 28:14 color projection for auditoriums, 40:8 Teleprompter buys Sheraton system, 49:4 60-city "Live Better Electrically" show, 51:9 COLOR 37:10 FTC prohibits promotional allowances to selected clients, 40:6 Zenith attacks "premature" introduction, 47 Station Equipment stations with live cameras, 1:10, 7:15, 9:15, 20:10, 25:15, 32:11, 34:8, 39:15, 44:9, 47:9, 50:13 Smith, Kline & French mobile unit, 8:13 low-light image orthicon camera, 12:5 DuMont, 7:15, 15:15, 16:9 new optical unit adapts 3-V, 19:13 16mm test film to align monochrome & color cameras, 28:8 Ampex tape recorder, 40:7 Tricolor Tubes network monopoly charges deprecated by Comr. Decrifer, 43:14 set makers ask dismissal of suit filed by 8 Chi-cago dealers, 45:11 suit against 5 mfrs. of alloys, 49:17 APPLICATIONS & CPs FOR NEW TV STA-TIONS Final Decisions Fresno, Cal., Ch. 12, 2:4 Knoxville, Tenn., Ch. 10, 2:4 Miami, Fla., Ch. 7, 3:6, 11:10 Yuma, Ariz., Ch. 13, 4:8 Ensign, Kan., Ch. 6, 4:8 Santa Fe., N. M., Ch. 2, 4:8 Twin Falls, Ida., Ch. 13, 4:8 Chattanooga, Tenn., Ch. 3, 6:8 Clovis, N. M., Ch. 12, 8:9 Canton, O., Ch. 29, 12:8 Redding, Cal., Ch. 7, 13:8 Elmira, N. Y., Ch. 18, 14:4 Bristol, Va., Ch. 5, 15:10 Omaha, Neb., Ch. 7, 17:8 Caguas, P. R., Ch. 11, 17:8 San Antonio, Tex., Ch. 12, 21:6 Portsmouth-Norfolk, Vaa, Ch. 10, 22:7 Poringfield, Ill., Ch. 2, 26:1 Raleigh, N. C., Ch. 5, 26:11 New Orleans, La., Ch. 4, 28:8 Corpus Christi, Tex., Ch. 10, 28:8 Hartford, Conn., Ch. 3, 30:8 frozen CP holders ask FCC rule change, 31:3, 32:3 frozen CP holders backed by FCC broadcast bureau, 33:6 Final Decisions Ampex tape recorder, 40:7 Tri-color Tubes Westinghouse, 2:15, 12:1 Thomas Electronices, 3:15 CBS-Hytron, 12:1 GE, 12:1, 17:14 Raytheon, 13:15 RCA cuts price, 6:13 Sylvania, 20:10 Corning Glass research, 22:9 Zenith rectangular, 26:13 Sylvania, 29:12 color projection for auditoriums, 40:8 Teleprompter buys Shcraton system, 49:4 60-city "Live Better Electrically" show, 51:9 COLOR NBC "Wide Window," 1:10 Zenith attitude, 3:15 WDSU-TV experience, 3:15 Storer's Wailes predicts more kinds of sponsors, 7:15, 15:15 KOMO-TV film processing, 6:15, 8:16, 9:15 Sheraton hotels closed-circuit, 8:12 Robert Sarnoff estimates 1960 time sales, 8:13 GE's Dr. Baker bearish, 8:13, 10:14 local originations, 9:15 NBC-BBDO "ColorTown" study, 9:15, 41:4 planned for political conventions, 10:15, 15:15 CBC urged to convert, 10:18 European standards sought, 10:14, 23:10 WNBQ, NBC showcase, 11:17, 15:5, 33:10, 51:15 at IRE convention, 11:17 magnetic tape, 12:14, 43:8 AT&T facilities, 13:15 Ziv offers test films, 15:15 at NARTB convention, 16:5 ABC plans, 16:5, 43:8 "Printers' Ink' surveys advertisers' plans, 18:14 trade editors home viewing, 19:13 Schwerin pre-tests commercials, 19:13 status of network affiliates, 27:12 "Tide' panel wait-&-see attitude, 31:8 GE closed-circuit, 35:14 NBC Kine, 37:14 RCA auditorium projection unit, 40:8 GE's Cordiner unenthusiastie, 41:11 RCA blasts lukewarm manufacturers, 43:1 NBC's Pinkham predicts \$150,000,000 network color time sales in 1957, 43:8 RCA camera for medical use, 50:13 mass market long way off, says Freimann, 51:15 RCA 1956 report, 52:13 meeting of top set makers to push color sug-gested by Siragusa, 52:13 Production and Sales Estimates Packard-Bell, 50:000-300,000 in 1956, 2:15 Sylvania, 29:12 CBS stops pilot production of rectangular, 33:10 DuMont, 38:10 CBS stops pilot production of rectangular, 33:10 DuMont, 38:10 COLUMBIA BROADCASTING SYSTEM (CBS) Extended Market Program, 2:6, 50:6 sponsor's summer lay-off stops, 5:7 financial reports, 6:14, 12:13, 16:17, 32:12 o-&-o stations gain, 7:8, 14:6 'Forbes Magazine' story on Stanton, 9:5 Bell Telephone TV network debut, 12:9 ''Lincoln-Douglas'' debates, 13:16 to expand Hollywood TV City, 22:6 report on stockholders by Pershing & Co., 22:15 primer on 'Network Practices,'' 23:4 educational foundation, 23:5 radio network billings, 31:6 affiliates board meeting, 35:6 Edward R. Murrow resigns as director, 41:5 ''Odyssey'' series, 41:6 Van Volkenburg resigns, 44:2 talent contracts, roundup, 46:6 radio signing new sponsors, 47:6 all billings up, 47:7, 48:4 COMMUNITY ANTENNA SYSTEMS Jerrold system purchases, 1:10, 12:16 local originations, 2:8 frozen CP holders backed by FCC broadcast frozen CP holders backed by FCC broadcas bureau, 33:6 Jacksonville, Fla., Ch. 12, 35:5 Coos Bay, Ore., Ch. 16, 36:8 KBAS-TV, Ephrata, Wash. grant affirmed, 42:6 Paducah, Ky., Ch. 6, 46:8 Charlotte, N. C., Ch. 9, 50:8 Court Decisions WFLA-TV, Tampa-St. Petersburg, Fla., 3:6 KFRE-TV, Fresno, Cal., Ch. 12, 5:4, 6:8, 9:4 WTVT, Tampa, Fla., Ch. 13, 6:8 FCC newspaper ownership policy, 4:8 WCKT, Miami, Fla., Ch. 7, 10:5 KGUL-TV, Galveston, Tex., move, 10:5 WSPA-TV, Spartanburg, S. C., 10:5, 36:8 WXEX-TV, Petersburg, Va., 13:8 KTBS-TV, Shreveport, La., 18:10 KFDM-TV, Beaumont, Tex., 18:10 KBET-TV, Sacramento, Cal., 24:10 KSLA, Shreveport, La., 40:8, 52:7 WJHP-TV, Jacksonville, Fla., 41:7 KBET-TV, Sacramento, Cal., 42:6 WJET-TV, Sacramento, Cal., 42:6 WJET-TV, & WHEC-TV, Rochester, N. Y., 46:8 Initial Decisions 20MMUNITY ANTENNA SYSTEMS Jerrold system purchases, 1:10, 12:16 local originations, 2:8 comprovision, 2:8, 24:5 new systems, 2:8, 7:9, 19:6 California regulation, 3:8, 22:8 starts in Cedar City, Utah, 7:3 Pocatello public school system, 7:4 "G-Line," 7:9, 8:9, 22:8, 34:14 Congressional testimony, 9:7 microwaves, 10:5, 22:8, 34:16, 49:4 broadcasters seek regulation, 14:2, 31:14 TV film producers ask extra payment for pro-grams on systems, 17:16 Canadian, 17:16 NCTA convention, 19:6, 24:4 "stripped down" sets used in Raton, N. M., 21:16 midyear roundup, 28:2 radiation limits set by FCC, 28:8 court ruling on 8% tax, 34:16, 45:6, 48:12 Wausau's system fails to get tall antenna, 36:6 Clarksburg, W. Va., TV Cable financial report. 37:16 Court Decisions Production and Sales Estimates Production and Sales Estimates Packard-Bell, 50,000-300,000 in 1956, 2:15 Sylvania, 300,000 in 1956, 4:15 Emerson, 500,000 in 1956, 4:15 'Tclevision Age' figures, 7:15 Hoffman, 200,000 in 1956, 10:15 Raytheon, 300,000 in 1956, 10:15 ABC, 4,000,000 by 1957, 11:17 Admiral, 500,000 in 1957, 12:11 Dr. A. N. Goldsmith, 300,000 in 1956, 14:11 RCA, 12,000,000 by 1960, 21:16 ICCA, 1956-61 growth, 28:99 RCA, 500,000 hy RCA in 1957, 42:8 Frank Mansfield, 1956-1966, 45:10 Receivers **Initial Decisions** Initial Decisions Boston, Massa, Ch. 5, 1:8 Buffaio, N. Y., Ch. 7, 5:4 Clovis, N. M., Ch. 12, 5:4 Elmira, N. Y., Ch. 18, 9:4 Redding, Cal., Ch. 7, 9:4 Presque Iale, Me., Ch. 8, 13:8 Irwin-Pittslurgh, Pa., Ch. 4, 17:8 Biloxi, Miss., Ch. 13, 23:9 San Fruncisco, Cal., Ch. 2, 25:5 Deadwood, S. D., Ch. 5, 26:7 Coos Bay, Ore., Ch. 16, 20:4 Seattle, Wash., Ch. 7, 31:3 Billings, Mont., Ch. 8, 31:3 37:15 Cal. Supreme Court decisions on regulation, 41:14 Utah jurisdiction test, 43:14, 46:16 huying syndicate solicits systems, 47:9, 48:4 in 1956, 14:14 CONGRESS Judiciary subcommittee eyes TV mergers, 3:16. 12:4 bill banning tall towers, 5:3 political broadcasting bills, 5:8, 6:5, 7:5, 8:16, 11:18, 16:10 newspaper discrimination by FCC, 4:8, 5:8, 6:8, 16:18 Receivers Chromatic TV Labs, 2:15, 23:10 home demonstrations, 3:15, 4:15, 6:15, 9:15 RCA mass production plans, 5:1, 6:15 Olympic pilot run, 6:15

allocations hearings, 4:2, 6:2, 9:6, 10:5, 13:5, 14:1, 28:4, 29:1 "overcommercialism" questioned, 6:4, 12:8, 13:7 hearings on alcoholic beverage ads, 7:5 all-channel scts sought, 8:2, 13:2 talks more govt. control, 8:3 vhf boosters, 8:9, 18:5 Evins hearings, 11:3, 12:3, 18:5, 20:4, 25:2, 35:3, 39:8, 42:6 study of film producers' TV ownership, 12:4 subscription TV study, 12:4, 15:10, 17:5 option time & "must-buy" attacked by KTTV's Richard Moore, 13:1, 20:4 bill to permit TV at meetings of House commit-tees, 13:8 bill to abolish FCC multiple ownership rule, 16:18, 20:4 bill against foreign fraudulent stock promoters, 16:18, 18:9, 27:14, 28:6 Bricker report on network "monopoly," 17:2, 18:1, 20:4 Sen, Magnuson asks funds to check "bait-switch" ads 17:7 Eitel-McCullough ceramic tube, 27:13 Southern expansion, 27:14 Consolidated Electrodynamics buys Electronic Industries, 27:13 Weather Bureau radar, 31:12 "Uniterm" index of electronic patents, 33:12 RCA electronic printer, 34:13 VORTAC aircraft navigation system, 35:12 GE advertises in Europe for engineers, 35:12 GE heat-resistent components, 37:15 statistics improvement sought by govt., 38:13 new trade publications, 38:13 RETMA manpower survey, 43:13 Ling Electronic sebentures, 45:12 CAA orders Raytheon long-range radars, 47:13 more small firms eligible for govt. contracts, 49:17 Warehousing ripe for automation, reports 'For-Eitel-McCullough ceramic tube, 27:13 Warehousing ripe for automation, reports 'For-tune', 51:17 18:1. 20:4
Sen. Magnuson asks funds to check "bait-switch" ads, 17:7
Senate network hearings, 19:1, 20:3, 21:3, 22:2, 23:4, 24:1, 25:2, 26:7
Bricker says he has not endorsed suppression of networks, 21:4
Separate house TV-radio unit set up, 22:6, 25:18
Celler investigation, 26:2, 28:1, 32:4, 33:12, 36:3, 36:4, 37:1, 38:2, 39:2, 40:12, 46:2
Gore study of political broadcast practices, 36:4, 37:7, 47:4
Senate small business committee plans distribu-tion investigation, 42:9
Congress-FCC picture after election, 45:1 hearings on govt. manpower policies, 51:17 EQUIPMENT, TELECASTING Antennas WHAS-TV 2000-ft. tower, 3:16, 34:4, 47:3 bill banning tall towers, 5:3 new GE unit ordered by WSM-TV, 10:9 bigh-tower pact, 10:18, 13:4, 27:4 2 new types reported at IRE, 12:5 KGEO-TV approval, 18:16, 39:16, 46:9 WLWA turned down, 22:16 San Francisco multiple-antenna plans, 32:1, 33:12 WFIL-TV & WRCV-TV planet in the sector Congress-FCC picture after election, 45:1 EDUCATIONAL TV Gov. Harriman's N. Y. plans, 2:8 review in 'American Psychologist', 3:15 Pocatello public schools closed-circuit, 7:4 Michigan State U closed-circuit, 7:5 TV-taught college credit courses, 7:5 TV-taught college credit courses, 7:5 Closed-circuit roundups, 10:1, 29:8, 38:4 Skidmore closed-circuit, 10:7 1956 plans, Educational TV & Radio Center, Ann Arbor, 10:18, 20:6, 23:7 Ford Foundation grants, 10:18, 13:16 study halls monitored by TV, 11:12 WQED high school courses for Army, 12:16 Gernshack's "Teleducation" plan to relieve engi-neer shortage, 13:10 closed-circuit use endorsed by White House Con-ference on Education, 14:7 U. S. underwrites foreign TV development, 18:3 GPL Philadelphia closed-circuit, 20:16 Hagerstown, Md. pilot closed-circuit school sys-tem, 25:1, 26:3, 33:3, 37:10 Brooklyn high school closed-circuit, 25:11 educational shifted from Ch. 3 to Ch. 48, Collegc Station, Tex., 29:4 Los Angeles closed-circuit, 30:14 Storer offers to build & finance TV for U of New Hampshire, 30:14 Dage closed-circuit camera, 33:12 WQED fund drive, 33:12 closed-circuit color, 34:13 teachers fear for jobs, 34:16 N. Y. state closed-circuit experiment, 35:14 educations move to keep reserved channels, 36:3 TV production center in N. Y. to supplement Ann Arbor, 37:10 stations due to start, 38:8, 51:8 FCC denies petition to open educational reserva-tions for commercial use, 39:10 Wikes-Barre schools use WBRE-TV, 41:6 Schenectady high school closed-circuit, 42:12 NAEB officers, 43:6 effective for teaching typing, 47:14 commercial stations' educational programming surveyed by U. S. Office of Education, 49:4 Penn State U closed-circuit, 49:17 NEC educational programming plan, 50:1, 51:18 Fund for Adult Education merged into parent Ford Foundation, 50:9 WTVS, Detroit, gets equipment gift from WJBK-TV, 50:9 T radio grants in aid by Educational TV & Radio Center, 52:4 ELECTRONICS, GENERAL, NON-TV pickel. 1:14 33:12 WFIL-TV & WRCV-TV plan joint tower, 40:12 WOR-TV tower crash, 45:2, 46:16 WB2-TV multiple-antenna tower, 45:5 KSWS-TV 1610-ft. tower, 47:2 San Antonio multipe-antenna plans, 47:3 patent on "invisible" tower, 49:18, 50:5 WMT-TV tower collapse, 50:5 Baltimore multiple-antenna plans, 50:5 Cameras Cameras "Camtronic" TV-film system, 3:8 portable "creepy-peepy," 8:15, 12:5 low-light image orthicon, 12:5 "The Giraffe," low-cost camera crane, 20:9 smallest yet developed by Lockheed, 23:14 RCA "micro-mesh" camera tube, 27:13 small units at political conventions, 27:14, 29:14, 30:5, 31:3 converter for changing to slow-scan made by GE, 32:14 Dage camera for educational closed-circuit, 33:12 GE, 32:14 Dage camera for educational closed-circuit, 33:12 Electronicam, 35:8, 40:12 Transmitters Transmitters RCA 100-watt vhf, 3:8 RCA uhf 4½-megawatt, 7:9 Phileo enters field, 9:10 RCA low-band vhf, 14:16, 16:9 low-budget equipment shown at NARTB, 16:9 Canadian GE 400-watt, 16:9 GE meets FCC type acceptance, 19:9 RETMA asks type acceptance of all transmitters, 90:9 20:9 automatic TV operation developed by Mechron, 39:10 Miscellaneous Telemeter 2-pictures-in-one concept, 1:10 talk of N. Y. "Television City," 1:16, 20:7 experimental magnetic sound 16mm film, 6:5 experimental magnetic sound 16mm film, 6:5 portable microwave relay, 6:13 Visual Electronics expands, 10:9 new RCA midget studio power unit, 12:5 GE automation, 14:8 new method of mapping propagation developed at Ft. Monmouth, 20:9 DX-ing, 25:18 satellites will provide world-wide TV relays, predicts GE's Haviland, 47:7 FEDERAL COMMUNICATIONS COMMISSION (FCC) McConnaughey's son employed by WJIM-TV, 1:6 L'Heureux Congress liaison, 1:16 budget, 2:8, 10:5, 21:7, 23:6 unlicensed transmitter in wetback case, 4:8 Edward Lamb hearing, 4:16, 6:6, 25:18 bill to end newspaper discrimination, 5:8, 6:8 Comr. Lee attacks shoddy commercials, 7:7 student engineer training program, 7:9 multiple-ownership rule, 9:4, 21:2, 34:2, 36:3 38:7, 39:16 McConnaughey redesignated chairman, 9:5 network study, 10:5, 20:4, 25:3 Congress probes network influence on FCC, 11:3 dual-city indentification rule, 12:8 Congressional resolutions on uhf, 15:2 (FCC) CLECTRONICS, GENERAL, NON-TV
nickel, 1:14
radio-controlled traffic lights, 1:14
radio-control, 12:12
radio-controlled traffic lights, 1:17
radio-controlled traffic lights, 1:18
radio-controlled traffic lights, 1:19
radio-controlled traffic lights, 1:18
radio-controlled traffic li ELECTRONICS, GENERAL, NON-TV Congress proces network inducace on FCC, 11:3 dual-city indentification rule, 12:8 Congressional resolutions on uhf, 15:2 updates "Part 3" of rulea, 15:16 new frequency list, 19:6 Craven appointed, 20:1, 21:7, 23:6, 25:18 WWBZ horse-race case, 22:16, 25:7 unwilling to use cease orders for fraudulent ad practices, 24:7 regional offices dropped, 26: 7 higher salaries for engineers, 26:10, 31:4, 33:6 "cash givcaway" policy questioned in WQAM sale, 23:6, 31:7 assignments to govt. interagency boards, 29:5 suspends licenses of 3 KPIX engineers, 30:8 multiple-ownership liberalization frowned on by Justice Dept., 37:2 "hands off programming" advocated by Conne Craven and Doerfer, 38:14 bias charged to Richfeld Reporter radio pro-gram, 41:7, 43:14, 44:5

EDUCATIONAL TV

WMEX, Boston, horse race case, 44:14 new rules for low-power devices proposed, 45:13 multiple ownership ruling upheld in denying Storer's purchase of KSLM-TV, Salem, 46:1 FILM, TV-See Movies & TV Film FINANCIAL ACTIVITY, GENERAL Manufacturing 1955 trading in electronics stocks, 1:15 Group Securities Inc., 3:14, 28:13 Television-Electronics Fund, 5:12, 9:13, 11:16, 18:15, 21:14, 33:11, 46:14 National Securities 1956 forecast, 7:14 Atomic, Electronic & Chemical Fund, 9:14 Electronics Investment Corp., 9:14, 20:14, 44:13, 42:8 48:8 48:8
Atomic Development Mutual Fund, 9:14, 20:14, 31:13
York sold to Borg-Warner, 14:12
Douglas Roesch sold to Hall-Scott, 14:12
compensation of executives, 14:13, 16:17
smaller TV mfrs. being squeezed out, 20:11, 21:1, 22:10, 27:9
Nucelonics, Chemistry & Electronics Shares Inc., 23:15, 27:12
Keystone Fund S-3, 23:14
business failures among mfrs. up slightly, 24:15
'Fortune' supplement of 500 largest firms, 26:15
favorable midyear forecast by Commerce Secy. Weeks, 27:12
earnings down in second quarter, says 'Wall St. Journal', 32:13
disagreeing that small mfrs. are doomed, Dr. DuMont forsees 3 types, 34:10
mfrs. failures reviewed by Zipser, 39:13
Nucleonics Chemistry & Electronics Shares, 41:13 Atomic Development Mutual Fund, 9:14, 20:14, 41:13 decline in earnings of 5 TV-radio mfrs., re-ported by 'Wall St. Journal', 44:13 Puerto Rican mfrs. profits high, 46:12 more funds for basic research urged in Defense Dept. report, 46:15 Magnecord and Midwestern Instruments Inc. merge, 47:12, 51:14 corporate profits down, reports President's Coun-cil of Economic Advisers, 51:16 Francis I. DuPont stock recommendations, 52:12 Televation (one of the Advistis) 41:13 Telecasting (see also Advertising) Telecasting (see also Advertising) WKBT, La Crosse, Wis., 1:10 Gross Telecasting, 4:5, 12:14, 30:14, 46:14 J. Elroy McCaw's plans, 4:5 Dolph-Pettey stock dropped, 4:6 Tele-Broadcasters stock offer, 4:5, 9:10 Transcontinent TV, 5:12 Westinghouse stations sales up, 5:14, 15:7, 48:5 Storer, 6:14, 8:14, 17:15, 24:17, 26:16, 29:13, 35:13, 37:15, 42:11 Consolidated TV & Radio, 8:14, 12:14, 27:12, 41:13 Soliel, 6:14, 5:14, 17:10, 24:11, 26:10, 25:10, 2 FINANCIAL REPORTS — see individual manu-facturers and networks M (Frequency Modulation) BROADCASTING KNBC-FM independent programming, 11:18 remote control rule, 15:16 broadcasters organize to prevent encroachment on band, 21:6, 24:7 background music for subscribers via multiplex subject to 8% tax, 44:14 total stations and applications, 51:2 OREIGN TV roundup, 1:2 Addia Ababa demonstration, 2:16 Germany, 3:14, 16:12, 22:15, 31:14, 41:8 Argentina, 5:7 Russia, 7:5, 7:12, 12:16, 14:14, 34:12, 40:12, 43:14, 47:11 Finland, 7:12, 34:16, 51:7 overseas market potential, 6:12 Philips, 8:14, 22:1 Portugal, 4:16, 20:9, 38:8 Eurovision, 4:16, 10:18 Venezuela, 9:16, 27:13, 36:12 Japan, 10:13, 23:7, 27:11, 30:7, 31:4, 46:13 experts study U. S. color, 10:14, 23:10 network connection with Cuba, 12:5 "scatter" potential, 12:15, 14:16 Italy, 13:16 U. S. exports, 15:12 FOREIGN TV

3

Australia, 16:11, 17:10, 18:5, 27:14, 32:14, 41:14, 42:12, 45:14, 47:14 Cuba, 16:12 Iraq, 17:9 U. S. underwrites educational TV, 18:3 Hungary, 18:5 Guatemala, 20:9 El Salvador, 2019, 26:10, 34:8 "Report from America" success on BBC, 20:15 Philips dominates European set market, 22:1 "Report from America" success on BBC, 20:15 Philips dominates European set market, 22:1 Hong Kong, 22:8 France, 22:16 Spain: 22:16, 45:14 long distance via sun spots, 24:18 Korea, 25:16 Columbia, 27:14 U. S. delegation to CCIR, 29:6 roundup of world TV stations & sets-in-use, 31:5 Syria, 34:16 Nicaragua, 35:9 Afghanistan, 35:14 China, 36:14, 41:8, 52:5 uhf in Europe, 41:8 Brazil, 41:14 trade fairs, 43:13, 48:4, 51:7 world-wide relays via satellites predicted by GE's Haviland, 47:7 RCA sponsoring "Premier Theatre" in 14 Latin American countries, 49:10 Luxembourg, 51:5 Britain Britain picture quality, 1:5 Independent TV Authority, 3:16, 32:14 battery sets, 4:12, 27:11 new stations, 6:7, 8:16, 17:9, 45:14 TV down payment 50%, 7:12 U. S. programs, 9:16, 10:4, 13:7, 14:8, 20:8 commercial revenues, 10:8, 19:8, 40:7, 47:14 quiz shows, 12:7, 46:10 Sir Ian Jacob defends BBC, 12:16 TV inroads on radio, 13:16 world's oldest TV studio replaced by Crystal Palace, 15:6 top sponsors, 15:7 color, 13:9, 16:16, 22:9, 36:9, 43:8 set totals, 23:5, 27:14 Scotland ITA program contractor, 24:18 BBC Officials, 18:5, 26:5, 28:4 films feel TV pinch, 29:9, 41.8 rate card chart, 29:8 NBC drops plan to buy 5% of Wales & West TV 44:14 Britain NBC drops plan to buy 5% of Wales & West TV, 44:14 prostitution documentary show, 46:16, 50:14 BBC to show old movies, 47:14 ban lifted on public issues discussion, 51:7, 52:5 Canada Canada Dunton describes growth, 2:8 CBC budget, 5:14. 27:7 set sales, 7:12, 29:12, 36:7 drop of 15% excise advocated, 7:12 CKLW-TV sale, 9:16 color, 10:18, 13:9 limit on alien broadcasting ownership, 14:9 Kamloops booster shut, 17:5 CBC-TV service costs, 17:16, 30:7 hearings on ending CBC policy of one station per city, 19:8, 23:5 TV applicants, 21:10, 26:10 CBLT shifts to Ch. 6, 35:9, 36:6 networks service extended westward, 37:7, 38:8 CPs granted, 44:7 Mexico Mexico XEFE-TV, Nuevo Laredo, 2:9 Guadalajara, 10:18, 24:11 XEWA-TV, Queretaro, 26:16 new stations planned, 47:14 new stations planned, 47:14 HOME LIFE, TV's IMPACT ON (see also Surveys) religious group TV series, sponsorships, 2:7 viewers wear out furniture, 3:14 man shot by wife wanting big screen, 7:12 hlamed for children's tooth decay, 11:18 British miners start work earlier to permit more TV viewing, 13:16 children may stimulate color set sales, 17:14 American Optometric Assen, suggests lighting & viewing for TV, 18:10 housewives want room away from TV, 18:10 TV henefits mental patients, 18:16 N. Y. family cuts TV for week, 19:9 childbirth scenes on 'Medic', 21:16 study of French "Tele-Clubs" hy UNESCO, 22:16 circus demise blamed by TV, 24:10 BEDO studies children's influence on family buy-ing & entertainment, 30:6 kiddie shows sell adult products, Advertest finds. 31:6 Site 31:6 Bell Labs "Picture Phone," 34:3, 36:14 installment sales to Miss, prisoners, 34:11 TV may help cyesight, physician says, 39:16 interest in art promoted by quiz shows, 45:6 rental limousines equipped with TV in London, 45:19 45:12 TV 40:12 TV fosters mental lethargy, according to psy-chlatrlet, 45:14 WSYR bans Elvis Presley records, 47:14 closed-clrcuit in VA hospital, 51:9 INDUSTRIAL TV police TV net planned, 5:14, 7:13, 27:1 GPL airborne camera, 8:15 N. Y. traffic study, 10:16 merekandise control by Filene store, 10:16 Data-Vision, 12:15, 14:15 Vienna Opera cueing, 15:16

roundups, 17:10, 19:14, 24:18, 39:4 color in plutonium plant, 20:10 hotel closed-circuit, 20:16, 28:14 proposed for GM stockholders meeting, 20:16 "Closed-Circuit & Industrial TV" textbook, 20:16 shopping via TV, 23:3, 24:18, 27:14 BBDO closed-circuit, 27:8 underwater TV article in 'Journal of the SMPTE', 27:13 RCA low-light image orthicon, 29:14 heart operation, 31:12 curbside banking, 32:14, 33:12 "Picture Phone" experiment by Bell Labs, 34:3 CAA air traffic control system in N. Y., 34:16 race track, 34:16 St. Lawrence dam construction, 35:14 Philco plant entrances "guarded," 35:14 checks roulette in Las Vegas, 35:14 portable speed meter made by Admiral, 37:15 Lincoln & Holland tunnel traffic control, 38:8 GE enters closed-circuit field, 38:14, 48:11 American Airlines" arrivals & departures, 39:15 Brookhaven Lab, 43:13 dept. store stock control, 45:13 underwater TV used to clear Suez Canal, 47:13 GE uses for training servicemen, 47:13 \$2,750,000 in closed circuit equipment sold in 1956, 52:2 1956, 52:2 INSTITUTE OF RADIO ENGINEERS (IRE) officers, 2:12, 46:15 awards, 7:6, 46:15 convention, 11:17, 12:5, 12:15 Pittsburgh meeting, 25:16 fall symposium, 34:8 fellows, 47:13 LABOR-see Unions MERCHANDISING, TV RECEIVER (see also Color) replacement and second-set sales, 2:10, 24:14, 26:11, 37:14 Chicago marts, 2:10 NARDA convention, 3:12 FTC trade practice rules, 5:11, 10:11, 13:12, 14:11, 15:13, 17:12, 18:12, 19:11, 24:13, 34:10 Federal Reserve Board sees another peak year. Sylvania dealer set insurance plan, 11:15 tighter financing, 12:13, 18:12 discount house suit dismissed, 13:13 Bernsohn questions factory-controlled distribu-tion, 19:11 Bernsohn questions factory-controlled distribu-tion, 19:11 discount operations report by NYU, 20:12 growth of consumer market in 'Survey of Cur-rent Business', 21:12 roundup of comments on economic softening. 22:10 auto installations, 22:14 lower color price seen affecting black-&-white sales, 23:11 use of Ed Sullivan name by Buffalo dealer cur-tailed by N. Y. Supreme Court, 23:14 NARDA annual survey of members' problems, predictions, etc., 24:13 NAED officers, 24:14 consumer buying report by U of Michigan, 25:11 new annual set lines unnecessary, says Cramer, 25:13 bills limiting mfrs. to one price for all dealers opposed by RETMA, 26:11 Davega sales, 29:13, 30:10, 45:12 dealer failures, 29:13, 39:12, 45:10, 47:11, 51:15 1955 consumer expenditures for TV-radio & records, 30:7 roundup on improving receiver sales, 30:9 Techols, 30.1 roundup on improving receiver sales, 30:9 TV's own annual showing suggested by Hot-point, 30:10 hi-fi outdraws TV at NAMM show, 30:11 political conventions help sales, 31:9, 35:7 NARDA management institute, 31:11, 32:10, 33:3
distribution changes foreseen, 32:8
distribution changes foreseen, 32:8
sets sold by supermarkets & drug stores, 33:8.
34:10
National TV Week, 33:8, 37:14
D. C. distributor shakeup, 33:11, 35:11
radio set sales boom, an analysis, 55:11
tube prices up, 34:9, 35:10
prisoners in Miss. buy on installment plan, 34:11
full-line theory disputed by Packard-Bell, 34:15
jewelry & non-appliance stores selling portable
TVs, 35:11
dept. stores meeting discount prices, reports
'Journal of Commerce', 36:12
5-year growth of U. S. households, Census projection, 35:14 33:9 5-year growth of U. S. households, Census projection, 36:14
premiums, 37:13
set ownership & viewing habits in Los Angeles, ABC survey, 38:14
major appliance sales off, 40:9
Senate small business committee plans distribution investigation, 42:9, 46:12
E. J. Korvette chain, 42:11
reports on viewing habits & teen market, 42:12
inventories, 43:9, 50:11, 51:13
FTC plans probe of appliance merchandising. 43:9
foreign trade fair roundum, 42:12

43:9 foreign trade fair roundup, 43:13 hotel TV roundup, 44:3 Crosley-Bendix distributors going to others, 44:10, 45:9, 49:15 appliance sales trends shown by Sylvania dealer panel, 44:12 dime store TV merchandising, 45:11 tride-ins, 46:12 birbar subjects project peeded some Condision

higher appliance prices needed, says Cordiner, 16:13

average price drops, 47:10 higher prices needed, say set makers, 48:9 Atlanta Walgren drug stores sell portables, 48:11 Sen. Humphrey plans distribution study, 49:14 new features needed, says Hoffman, 49:15 17-in. portables to be emphasized in 1957, 50:11 Europe needs quality, economical set, says Snyder, 50:12 NEMA reviews year's appliance sales, 51:14 E. J. Korvette discount chain, 51:16 MILITARY USE OF TV AFCEA convention, 4:13, 7:13 closed-circuit in Army signal school, 8:7 portable "creepy-peepy," 8:15 airborne TV systems, 10:16, 19:14, 24:18, 37:9 AFCEA officers, 22:13 armed forces TV stations, 22:16, 32:14, 45:5, 46:4, 51:14, 52:14 air bases linked, 24:18 Navy buys portable underwater TVs, 25:14 using WQED kines, 25:16 close view of weapons firing, 26:14, 30:14 "Wamoscope," 34:13 MOBILIZATION SAGE system, 3:13 Telecommunications Advisory Board, 17:10, 18:14 Coneirad test alert, 21:7, 23:6, 28:4, 29:14 RCA Concirad radio, 36:13 UiV Defense Week, 36:14 industry-Govt. meetings on mobilization require-ments, 43:13 NEAR, new home warning system, 49:17 MONOPOLY-see Anti-Trust MOVIE & TV FILM MONOPOLY-see Anti-Trust MOVIE & TV FILM IOVIE & TV FILM
adapting features for TV, 4:9
NARTB hits free movie plugs, 5:6
20th Century & Warner lose on TV shows, 5:6
Official Films buy Four Star, 6:7
1955 film commercials worth \$25,000,000, 7:7
TV plugs hurt movie attendance, says Sindlinger, 7:7
Hal koach Jr. buys 50% of Vitapix, 7:16
TV plays sold to movies, 8:8, 10:7, 11:9, 12:7, 18:9, 20:8
Bankers Trust top financier. 9:7 TV plays sold to movies, 8:8, 10:7, 11:9, 12:7, 18:9, 20:8 Bankers Trust top financier, 9:7 RKO's first TV film series, 10:7 "Territorial exclusivity" rule for TV film pro-posed by WMUR-TV, 10:7 Richard II premere, 11:4, 12:7, 13:7 first-runs vs. network shows, 11:9 features now available unsuitable, says Ziv, 13:5 feature-length trend of TV film, 13:7 "King Kong" back to theatres, 13:7 Electronicam, 13:8, 16:7 TV films should have movies' code seal, says Senate juvenile delinquency committee, 13:10 film use declines slightly, 14:5 Jerry Fairbanks buys TV Spots Inc., 16:7 movie-produced TV shows hurt theatres, says Sindlinger, 17:8 TV Inc. film buys, 17:9 magnetic sound standards, 18:15 NTA buys UM&M film distributor, 19:16 control of Warner Bros, sold, 19:16 movie clips opposed by north central movie group, 21:9 "Jack & the Beanstalk" to go to Broadway & movies, 21:9 Republic Pictures sale discussed, 21:14, 23:15, 35:9 MGM's TV plans, 25:4 Republic Fictures site and 35:9 MGM's TV plans, 25:4 NARTB amends code to admit film producers, 25:9, 32:7 NTA film network, 25:9, 26:9, 37:3, 38:5, 39:16, 41:2, 43:3, 44:9, 46:3, 47:14 'Biliboard' reports on film networks, 26:9 feature film programming estimate by Screen 11.2, 45.3, 42.5, 42.5, 40.5, 41.14
Biliboard' reports on film networks, 26:9
feature film programming estimate by Screen Gems, 27:7
9 majors to produce 80% of TV films, reports 'Biliboard', 28:5
"Wizard of Oz" sold to CBS, 30:5
banks sponsoring syndicated film, 30:6
roundup of TV as material & talent source, 31:7
local film equals 31% of station time, says NARTB, 31:7
SPG & NSTP merge, 31:7
MGM call letters hassle in Minneapolis, 34:4
TV ownership by movie makers, roundup, 35:9
TV effect on movie production, 35:5
Transfilm Inc. feature production, 38:10
big advertisers seeking feature film sponsorships, 39:7, 46:2

39:7, 46:2 Warner Bros, to expand TV film, 39:7

Warner Bros, to expand TV film, 39:7 feature films replace live programs in big mar-kets, 41:3 SMPTE officers, 41:5 feature film ratings, 42:2, 43:4, 45:8, 50:14 20th Century-Fox buys into NTA Film Net-work, 43:3, 44:9 syndicate films not affected by new features, says NBC's Keever, 43:8 release of post-1948 features sought, 37:10, 45:8, 48:12, 51:2 Ziv "Economee TV" reruns, 45:14, 47:14 NBC sued by Roach for unauthorized use of "Our Gang" and Charlie Chase comedies, 45:14 station-owned movie buying group, 47:3 ABC-Warner pact for TV film production, 47:3 Hazel Bishop-Matty Fox time-for-film barter, 47:14

47:14

41:14 more contrast for TV needed by some features, says WBC's Bowley, 48:12 Desilu and Ziv increasing production, 52:7

Movie Backlogs to TV RKO, 1:3, 4:9, 10:7, 16:7, 31:7 Paramount shorts to UM&M, 1:3

Republic, 2:2 Warner, 4:9, 5:6, 7:7, 9:3, 10:7, 16:7, 24:10, 30:5 Universal, 5:6, 27:7 NTA's Selznick package, 7:7 Columbia, 7:7, 12:7, 21:9, 32:7 MGM, 9:3, 10:7, 23:7, 25:4, 32:7, 33:2, 34:4, 36:6, 38:10, 46:3 20th Century-Fox, 9:4, 16:7, 18:9, 20:16 Paramount, 23:7, 37:10 United Artists, 27:7, 32:7, 37:10 Pathe newsreels to TV as it quits, 30:5, 37:10 Sam Goldwyn, 34:4 union negotiations on post-1948 features, 37:10, 48:12, 51:2 Walter Lantz cartoons, 37:10 Etim Deaduces' Enancial Benerits 30:5 Film Producers' Financial Reports Disney, 2:14, 21:14, 29:14, 32:13, 35:13 Loew's, 3:14, 29:13 Universal, 5:12 RKO, 7:14 Columbia, 8:15, 22:15, 41:13, 48:8 Warner Bros., 8:15, 22:15, 32:13 Guild Films, 20:15 Technicolor, 31:13 movie stock is poor buy, reports 'Magazine of Wall Street', 32:13 20th Century-Fox, 35:13, 48:8 Famous Players (Canada), 39:14 'Billboard' sees tight money threatening small TV film producers, 40:8 Republic Pictures, 41:13 Disney tock offer, 43:12 RKO Teleradio Pictures, 44:13 Official Films, 47:12 Film Producers' Financial Reports MUSIC AGENCIES ASCAP & BMI sued by Life Music, 2:8 Celler hearings, 38:2 MUTUAL BROADCASTING SYSTEM (MBS) guaranteed cost-per-thousand, 7:8 grants Democrats equal time, 10:18 'Time' profile on Thomas F. O'Neil, 28:5 new affiliation contract, 35:6 closer tieup with RKO Radio Pictures, 40:7 closer tieup with RKO Radio Pictures, 40:7
NATIONAL ASSN. OF RADIO & TV BROAD-CASTERS (NARTB)
standard TV film contract, 2:7
admits film producers & distributors to code, 4:8, 25:9
calls uhf translators impractical, 5:5
sets-in-use census plans, 5:14, 44:14
"Political Broadcast Catechism," 10:18
bait-&-switch action, 12:8
freedom of information program, 13:16
to publicize TV Code, 15:16
Chicago convention, 16:2
board members, 16:18, 25:8
named to Washington Airspace Panel, 19:8
board meetings, 33:4
cracks down on code violators, 37:6, 38:14, 41:14, 52:14
group life insurance plan, 40:12 group life insurance plan, 40:12 petition for sign-on and sign-off turned down, 47:14 name change to NAB urged, 49:18 name change to NAB urged, 49:18 NATIONAL EROADCASTING CO. (NBC) o.&-o stations' sales, 2:6 "Window" dept. store show, 4:7 ballet, 7:7 ColorTown study, 9:15 "institutional" spectaculars, 10:8 Rumanian protest on show turned down, 11:6 sued in Ohio over "debt pool" program, 11:6 "Today," 'Home" & "Tonight" grosses, 11:8, 12:9, 32:7 right to privacy suit dismissed, 12:7 sells time to Billy Graham, 13:16 Program Extension Plan, 15:9 signs up Talent Assoc. Ltd., 19:16 reply to Dick Moore's charges, 21:3 buys half of Figaro Inc, 22:6 Martin & Lewis and Paramount sue, 33:12 Weaver resigns, 35:1 top year for spot radio predicted in 1956, 37:8 International Operations unit formed, 39:16 dedicates WBUF, Buffalo, 41:6 Kintner joins as exec. v.p., 44:2 shortens magazine-type programs, 44:14 drops plan to buy 5% of Wales & West TV, Britain, 44:14 new radio programming plan, 45:6 sued by Hal Roach on "Our Gang" and Charlic Chase films, 45:14 talent contracts roundup, 46:6 new morning program scheduled, 46:7 "Tonight" format changes, 47:6 "Jack & the Beanstalk" kudos, 47:6 Martin & Lewis contract, 47:6 30th anniversary, 47:9 radio signs \$7,000,000 in advertising, 52:8 NETWORKS, Coarial-Microwave Facilities AT&T brochure defends rates, 1:10 NATIONAL BROADCASTING CO. (NBC) NETWORKS, Coaxial-Microwave Facilities AT&T brochure defends rates, 1:10 private microwaves, 8:9, 9:10, 21:10, 30:8, 38:9 over-horizon hop to Cuba, 12:5 "scatter," 12:15, 14:16, 25:16, 37:15 FCC asks comments on allocations for ulif scatter service, 19:8, 26:16, 27:14 Bolcr urges investigation of AT&T, 29:8

mobile microwave towers used for "Wide Wide World," 36:6
European pickups, 36:7, 43:4
Canadian network extended, 37:7, 38:7
TV relay in earth satellite proposed by Asst. Defense Secy. C. C. Furnas, 39:10
AT&T vs. community antenna operators, 49:4
British attempt U. S. pickup, 50:5 A. Tekey in earch satellite proposed by 4 fense Seev. C. C. Furnas, 39:10
AT&T vs. community antenna operators. British attempt U. S. pickup, 50:5
NEW STATIONS ON AIR
KHAD-TV, Laredo, Tex., 1:9
CKGN-TV, North Bay, Ont., 1:9
KBST-TV, Big Spring, Tex., 2:9
WSAV-TV, Savannah, Ga., 3:8
KPAR-TV, Sweetwater, Tex., 4:16
KPIC, Roseburg, Ore., 7:9
WDMJ-TV, Marquette, Mich., 12:5
WAST, Hagaman, N. Y., 12:5
KSHO-TV, Las Vegas, Nev., 13:9
KETA, Oklahoma City, Okla., 14:9
WRVA-TV, Richmond, Va., 16:6
WSPA-TV, Spartanburg, S. C., 17:9
WTVE, Elmira, N. Y. resumes, 18:8
KDR-TV, Columbus, Miss., 21:10
WESH-TV, Columbus, Miss., 21:10
WESH-TV, Mattiesburg, Miss., 21:10
WESH-TV, Mattiesburg, Miss., 21:10
WESH-TV, Madison, Wis., 26:10
CFCTV, Madison, Wis., 26:10
CFCTV, Kapana, Gua, 30:8
KUAM-TV, Aribor, Wang, 21:5
KUAM-TV, Koraville, Tenn., 31:4
WCYB-TV, Bristol, Va.-Tenn., 32:5
KOTI, Klamath Falls, Ore., 32:5
KVIP, Kedding, Cal., 30:8
WBR-TV, Barls, Va.-Tenn., 32:5
KVIP, TV, Carlsbad, N. M., 34:8, 47:7
KFXJ-TV, Madison, Wis., 32:5
WAIQ, Andalusia, Ala., 32:5
KUIT, Klamath Falls, Ore., 32:5
KVIT, V, Derbrooke, Ala:8, 47:7
KFXJ-TV, Madison, Nis., 26:10
WCKT, Miami, Falls, 32:5
KUIT, Klamath Falls, Ore., 32:5
KOTV, Ardmore, Okla., 32:5
KOTV, Ardmore, Okla., 32:5
KOTV, Ardmore, Okla., 32:5
KOTV, Ardmore, Okla., 32:5
KOTV, Y, Elmira, N. Y., 37:9
KDIX-TV, Divison, N. D., 39:8
KSIX-TV, Corpus Christi, Tex., 40:6
WAGM-TV, Ft Smith, Ark, 48:7
KHAC-TV, Ft Smith, Ark, 48:7
KHAC-TV, Victoria, B. C., 48:7</l Stations Off Air Stations Off Air KANG-TV, Waco, Tex., 1:9 WJPB-TV, Fairmont, W. Va., 2:9 WCOS-TV, Columbia, S. C., 3:8 WMGT, Adams, Mass., 9:10 WIRK-TV, W. Palm Beach, 11:12, 13:5 WGVL, Greenville, S. C., 17:9 WICA-TV, Cambridge, Mass., 11:12, 13:5 WGVL, Greenville, S. C., 17:9 WICA-TV, Ashtabula, 0,, 23:9 WKNY-TV, Kingston, N. Y., 30:8 KBMT, Beaumont, Tex., 30:8 WHUM-TV, Reading, Pa., 36:8, 37:9 WNOW-TV, York, Pa., 39:8 EWSPAPERS. TV'S IMPACT ON WNOW-TV, Nearing, Fa., 36:8, 37:9
WNOW-TV, York, Pa.. 39:8
NEWSPAPERS, TV'S IMPACT ON (see also Surveys)
newspapers vs. TV, 4:4, 7:3, 20:15
more space to TV, 4:4
TV editors, 4:4
court rule on FCC ownership policy, 4:8
advertising-circulation record, 4:8, 9:9
'Birmingham News' sale to Newhouse, 4:8
Detroit strike effects, 11:8, 51:12
TV supplements, 12:16, 37:7, 43:14, 46:16
TV impact on magazine growth, 32:2
'Orlando Sentinel-Star' answer to TV, 36:9
Cleveland newspaper strike, 45:6, 48:4
Hearst plans newspaper spectacular, 47:6
TVB media policies defended, 48:12
telephone news service in Montgomery, 51:18
1954 newspaper revenues, 52:14
Cleveland's TV-radio editors forced to return color sets, 52:14
PATENTS (see also Anti-Trust) PATENTS (see also Anti-Trust) ATENTS (see also Anti-Trust) RCA-Zenith case, 7:11, 25:13, 42:11 Justice Dcpt. suit against RCA, 8:12, 9:1 Small Business Administration field offices list free AT&T & IBM patents, 20:14 Motorola & Sentincl sued by Mrs. Esther Arm-strong, 24:14 "Uniterm" index of electronic patents, 33:12 Hazeltine wins suit against Avco, 41:12 Owens-Illinois and Kimble Glass sued by Trans-mirra Products, 45:11 OULTICS POLITICS OLITICS ABC special unit, 1:7 equal-time rule, 1:16, 9:3, 11:18, 13:16, 14:4, 15:9, 19:16, 22:16, 24:7, 27:7, 42:12, 43:14, 44:5, 45:2, 51:12 CBS reporting team, 3:4 GOP closed-circuit rally, 3:6 UAW indictment dismissed, 5:14, 17:16 get-out-the-vote campaign, 8:7 accreditation at convention, 8:7 sponsors of convention & election, 4:7, 11:8 GOP convention code, 4:7 campaign adv. agencies, 4:9, 36:7

GOP plans, 9:3, 17:7, 18:8 Democratic plans, 9:3, 18:8 ABC handbook, 9:9 NARTB 'Political Broadcast Catechism', 10:18 ABC cuts political rates, 14:5 newspaper coverage needed, says Amberg of 'St. Louis Globe-Democrat', 17:7 Kefauver criticizes Stevenson for representing RCA in Zenith anti-trust suit, 21:15 new Democratic convention mgr., 23:6 roundup of campaign plans, 25:18 U of Mich, study of mass media's influence in 1952 campaign, 29:6 "Pick the Winner" sponsored by Westinghouse, 29:7 Boston educational TV to carry convention, 29:8 "Pick the Winner" sponsored by Westinghouse, 29:7 Boston educational TV to carry convention, 29:8 reservations for network time, 31:6 WQED request to carry conventions with adver-tising, 31:14. 32:4 AT&T convention facilities, 31:14 \$100,000,000 expended for all media for cam-paigns, reports 'Printers' Ink', 32:7 convention, 33:4, 34:4, 35:7, 38:9, 39:10, 40:12 'Let's Vote, Neighbor', NARTB booklet, 34:7 TV effectiveness, 38:9, 44:1, 52:5 Eisenhower's TV schedule increased, 39:10 electronic computers election night, 40:12, 43:7 network expenditures by major parties, 41:9 Democrats' cash shortage cuts TV use, 43:7 coverage of election returns, 45:5, 49:8 REDICTIONS REDICTIONS 'Parade', \$100 portable, 1:10 National Securities, TV output, 7:14 NBC, 1957-60 color time sales, 8:13 Baker, color potential, 8:13 Abrams, projection TV, 4:15 Folsom, \$18 billion electronic sales by 1964, 10:16 Kintner, 4,000,000 color sets by 1957, 11:17 RCA, color tape by 1957, 12:14 O'Neil, trend to film, 16:11 Parris, color impact on parts sales, 17:14 electronics will be \$18-22 billion business in 1965, predict financial analysts, 21:15 Gorin, 12,000,000 color sets by 1960, 21:16 Watts, electronic growth, 33:10 Gernsback, timy TV sets, 36:3 Mitchell, TV in 1975, 38:12 Sarnoff looks 20 years ahead at 50th anniversary, 39:1 PREDICTIONS 39:1 Hal Roach, "magazine" programming, 41:6 Hotpoint, 10-year growth, 41:12 Baker, true portable, set sales, closed-circuit, etc., 42:10 42:10 Shockley, translator growth, 43:1 Mitchell electronics \$22 billion industry in 10 years, 44:12 big electronics future predicted at regional con-vention of security analysts, 45:13 Secrest, 7,000,000 sets in 1957, 49:15 "Television Digest', industry in 1957, 52:2 authorities predict all but home TV breaking records in 1957, 52:13 PROFITS, TV STATION (see Financial Activity) PROGRAMS & PRODUCTION (see also individual networks) (see Financial Activity) PROGRAMS & PRODUCTION (see also individual networks) ARB overnight rating service, 1:7 repeats, 2:7, 14:8, 15:7, 16:12, 18:4, 19:9, 22:6, 31:7, 42:7 equal access to legislative hearings and court trials debated, 2:16 WABD "tune in anytime" movie, 4:7 Los Angeles perjury trial televised, 4:16 quiz shows, 7:7, 9:7, 12:7, 13:16, 17:8, 25:6, 29:9, 44:7 NBC "Window," 4:7 Al Ettore fight film suit, 4:8, 19:16 Colorado drops courtroom ban, 9:7 National Council of Churches plans, 10:18 sponsored religious shows, 11:8, 13:16, 15:9, 22:5, 24:7 network changes next season, 12:7, 48:4, 49:8 networks back legitimate shows, 12:7, 20:7, 30:7, 44:4, 49:8 Dr. Goldsmith's rating system, 12:7 Catholic Legion of Decency code, 12:16 opera telecast by KDKA-TV, 13:7 Mickey Mouse Club, 13:7 Pulse overnight ratings, 13:7 NARTEP's program for TV-radio coverage of courts, etc., 13:16 "TV code" proposed by west coast groups, 14:16 GE's automatic TV programmer, 16:9 NBC cuts down movie plugs, 17:8 "Wall Street Journal" report on free-plug sales-men, 17:8 TAB audience measurement, 17:10 Robert Sarnoff asks for equal access of TV to public events, 17:10 R1. bill banning TV-radio from courts & legisla-ture protested by NARTE, 18:16, 19:16 film producers offered affiliate subscription to TV code, 19:4, 25:9 "Play Marko" ruled lottery, 21:16 public service programming costs estimated by "Tclevision Age', 23:5, 38:6 outside sources for network shows, 24:10 New York City "code of cooperation," 25:18 TV industry private wire communications sys-tem, 26:16 "Press Conference," 27:3, 28:6 Catholic program survey, 27:14 N. Y. survey of Spanish-speaking preference. 29:7 NAFBRAT report on children's programs, 29:9 Pol-O-Meter, 30:14 KDUB-V, Lubbock, films district court trial.

NAFBRAT report on children's programs, 29:9 Poll-O-Meter, 30:14 KDUB-TV, Lubbock, films district court trial.

Catholic "TV Parish of the Air," 34:7

5

Teleprompter, 35:13, 37:15 summer viewing half of early spring, reports ARB, 36:6 daytime viewing, 37:10, 44:14, 45:6 recorded program identification rules relaxed by FCC, 40:6 Roach sees "magazine concept" seen extended to all TV, 41:6 Margaret Sullayan ennels out of "Studio One" interference caused by electric heating pads in Canada, 33:10 Philco factory service, 35:10, 36:11 Westinghouse studying factory service, 36:11 NARDA seeks clarification on factory servicing policies, 36:10, 37:11, 40:11, 43:11 Sylvania staying out of servicing, 38:12, 45:11, 49:15 49:15 NATESA view of factory servicing, 38:12, 39:12, Margaret Sullavan cancels out of "Studio One," 41:6 43:11 Pa. servicemen oppose factory service, 39:12 tube counterfeiting investigated in Bronx, 43:10 TV-radio repair shops, 1954 census, 44:12 counterfeit tube crackdown backed by RETMA, National Audience Board finds public likes cur-National Audience Board finds public likes current shows, disagreeing with critics, 41:7
NBC & CBS operations reported in 'Harper' series, 43:4
Jack Gould criticizes networks for lack of UN coverage in crisis, 44:5
ad agencies returning to driver's seat, 44:7
season's new programs attacked by 'Variety' and 'Bilboard', 45:8
ad agencies should become co-producers, says BBDO pres. Duffy, 46:2
'dull' programming charges refuted by Robert Sarnof, 46:10
NBC comedy writing project, 46:10
TV newscasts' future "unlimited," says Mickelson, 46:10 48:11, 49:15 bill to license servicemen in IlL, 52:11 48:11, 49:15
bill to license servicemen in IIL, 52:11
RECEIVER PRODUCTION

(see also individual manufacturers, color, merchandising, etc.)

Mansfield estimates scrappage, sets-in-use, 1:1 picture quality, 1:4

compared with auto output, 1:13, 4:12
"Preview" motel swindle, 1:13
Senate Small Business Committee report on full line "domination," 2:11
excise tax, 2:13, 11:2
U. S. vs. others, 5:8
1955 production, 5:10
trend to lightweight 14-in. & smaller screen "personal" sets, 6:10, 7:10, 9:11, 11:13, 12:10, 15:11, 16:14, 17:11, 21:11
tinkertoy, 4:10, 9:12, 23:12
RETMA recaps 10 year shipments, 10:13
RETMA seal for sets conforming to FCC standards, 10:12, 11:13
FCC certification rules postponed, 17:13
plant vacations, 18:13, 19:12
Greenebaum estimates production of top 10, 20:12, 21:13
private label about 10% of 1955 total, 21:12
nickel under govt, control, 26:14 TV newscasts' future "unlimited," says Mickel-son, 46:10 Need for network programming outlined by Van Volkenburg, 46:16 KABC-TV drops regular news programs, 47:6 Folger's coffee quiz investigation, 48:12, 51:11 Sylvania's "standby" sponsorship for crucial spot news, 49:6 Gov. Long bans use of TV-radio at press con-ference, 49:10 Toots Shor suit against Billingsley. 49:18 mortality of network programs, 51:11 N. Y. City Council ban, 51:18 "Martin Luther" film cancelled by WGN-TV. 51:18 51:18 San Diego court bans stenographic reporting by KFMB-TV, 52:14 TV film impounded as "evidence" in Miami killprivate label about 10% of 1955 total, 21:12 nickel under govt. control, 26:14 steel strike not affecting TV, 29:10 set exports increase, 38:11 manufacturers plans for survival, 45:9 inventories at record high, 47:10 portable battery-operated set by 1958, says Baker, 48:11 10-degree sets 50:11 ing, 52:14 Ing, 52:14 Awards 'Radio TV-Radio Daily' poll, 1:7 'Tide', 2:5 National Assn. for Better Radio & TV, 7:5 Freedoms Foundation, 8:8 Overseas Press Club, 10:6, 14:16 George Polk, 11:6 Alfred I, duPont, 11:18 Ohio Educational Assn., 12:7 Emmy, 12:16 Peabody, 15:9 Sigma Delta Chi, 16:10 ''Mike," 16:12 Ohio State U, 16:12 'Variety', 16:12 TV hall of fame may replace awards, 17:8, 21:9 Hamilton, 18:6 Alfred P. Sloan, 20:15 ''National TV Festival Week'' suggested to re-place Emmy awards, 21:16, 23:7 Westinghouse's ''Lamp of Knowledge," 23:7 Robert E. Sherwood, 25:18 School Bell, 27:7 ''Billboard', 27:8 Golden Mike, 36:7 NBC ''President''s Award," 41:6 Kraft TV Theatre, 46:10 Christopher, 47:5 National Assn. of Mental Health, 48:6 Sylvania, 49:6 Edison Foundation, 50:14 Reserve Officers Assn., 51:11 'Look', 52:8 'UBLICATIONS ''Printers' Ink' changes 42:5 Awards 110-degree sets, 50:11 FCC powerline interference rules, 51:14 ECORDS & RECORDINGS (see also Tape Recordings) General Teleradio explorations, 1:3 Columbia price cuts, 1:13 RCA coupon book, 1:13 hi-fi sales tie-in proposal, 3:11 peak sales, 10:10, 14:12, 32:9, 47:11 RCA & British Decca licensing agreement, 10:13 Crowell-Collier, 10:13, 30:14 RKO buys Unique Records, 12:13 new RCA hi-fi tape recorder, 13:13 Decca financial reports, 15:14, 25:17, 32:13, 45:12 first quarter decline, reports 'New York Times', 25:17 imported radio-phono sales up. 28:12, 29:12, 37:12 **RECORDS & RECORDINGS** 25:17 imported radio-phono sales up, 28:12, 29:12, 37:13 hi-fi outdraws TV at NAMM show, 30:11 NAMM officers, 30:11 Capehart new line, 33:9 Audio Devices Inc. financial reports, 34:15 Capitol Records financial reports, 34:15 Institute of High Fridelity Mfrs. officers, 36:13 Seeburg Corp. sold to Fort Pitt Industries, 45:13 1956 best year, 51:13 1996 Dest year, 51:13
REPRESENTATIVES, TV STATION Katz story in 'Editor & Publisher', 12:9 Meeker mergers TV-radio divs., 13:10
Select Station Reps., 15:16
Petry report on summer TV spot, 17:7
W. S. Grant Co. sold, 21:8
Petry sponsors 'Inside Advertising'' on radio, 32:7
Peters, Griffin, Woodward ''Project Information,'' 33:4
Katz newspaper activity. 36:7 PUBLICATIONS 'Printers' Ink' changes, 42:5 'Broadcasting-Telecasting' 25th anniversary, 42:5 'Electronic News', 43:13 'Collier's' and 'Woman's Home Companion' cease publication, 50:4, 51:3 & 4 McCail Corp. cuts dividend, 51:16 TV-electronics 'Who's Who', 52:1 'Town Journal' ceases, 52:14 Katz newspaper activity, 36:7 Katz newspaper activity, 36:7 Tracy Moore & Assoc., 40:6 Peters, Griffin, Woodward to use Univac-type machine for availabilities data, 46:16 officers of Station Reps Assn., 51:5 Young Inc. bills up, 52:14 RADIO-ELECTRONICS-TELEVISION MFRS. ADIO-ELECTRONICS-TELEVISION MFRS. ASSN. (RETMA) Capt. Bernstein joins military electronics, 2:12 Voice of Democracy contest, 4:12 Canadian RETMA officers, 9:13 to decide on seal for sets meeting FCC stand-ards, 10:12, 11:13 recapitulates TV shipments for 10 years, 10:13 medal of honor, 11:14, 24:12 defines automation, 17:13 convention, 22:14, 24:12 officers, 24:14 committee appointments, 33:8, 34:12 fall radio meeting, 36:13 marketing data dect, 42:10 manpower survey for Defense Dept., 43:13 crackdown on counterfeit tube racket, 48:11 ECELIVER INSTALLATION & SERVICING officers of Station Reps Assn., 51:5 Young Inc. bills up, 52:14 SALES, TV STATION WFEG-TV, Altoona, Pa., 2:8 KWFT-TV, Wichita Falls, Tex., 2:8 KULA-TV, Honolulu, 2:8 Westinghouse-NBC swap Philadelphia-Clevcland, effected, 3:3, 25:5, 26:9, 33:12, 49:1 KGUL-TV, Galveston, stops negotiations, 3:6 WAFE-TV, Baton Rouge, 3:16, 11:9 WABT, Birmingham, 4:8 WICS, Springfield, III, 5:12 WOAI-TV, Sat Lake City, 6:9 KLIX-TV, Twin Falls, Ida., 6:9 WIRL, Plattsburgh, N. Y., 7:16, 13:4 WRDW-TV, Augusta, Ga., 7:16 WGTII-TV, Hartford, 8:5, 18:10, 35:3, 37:16 WGTII-TV, Johna Beach, 8:8, 14:5, 18:10, 36:14 WQCY, Allentown, Pa., 9:10 CKLW-TV, Windsor-Detroit, Mich., 9:16, 14:9 KUTV, Sait Lake City, 10:9 WITV, Madison, Wis., 11:10; dropped, 37:16 KGU-TV, Weslaco, Tex., 11:18, 14:16 KHTV, Denver, Colo., 13:4 KGU-TV, Galveston, 13:4, 19:6, 24:9, 28:5 WTHA.AFEN, Aste crackdown on counterfeit tube racket, 48:11 **RECEIVER INSTALLATION & SERVICING** N. Y. servlece dealers sentenced, 7:12 N. Y. servlecemen's code, 8:12 "Expo I.H.I.S." antenna, 16:15 majority of set owners matisfied, 20:11 NARDA plans study of dealer attitude on sales & warranty policies, 21:13 GE factory servlec, 22:14, 31:11, 34:9, 36:10 NATESA convention, 24:15 \$313,000,000 industry, says Census Bureau, 25:13 "venetian blind" interference eliminator, 25:13 Standard Coll new turrent tuner, 26:14 Philleo drive on worn-out tubes, 32:10 Ilcensing servlcemen is local problem, says Moch, 32:11 10:2 20:12 Zenith-CBS suit over commercial cancellation, 12:8, 35:14 Skiatron stock issue, 12:14 Americans for Democratic Action endorses, 14:2 Skiatron phns test in Cuba, 15:10, 46:16 Congressional hearings, 15:10, 17:5 29:4, 34:6

KEYD-TV, Minneapolis, 14:16, 16:6, 21:7
WSVA-TV, Harrisonburg, Va., 15:10, 22:8
WKNB-TV, New Britain, Conn., 15:10, 18:10, 35:3, 43:7, 44:7, 50:2
KFJI-TV, Klamath Falls, Ore., 16:6
Crowell-Collier bid for Bitner stations and KULA-TV, Honolulu, 17:4, 21:14, 22:16, 34:2, 35:8, 41:1, 47:1
WHTN-TV, Huntington, W. Va., 18:16, 25:9
KBTM-TV (CP), Jonesboro, Ark., 19:6, 29:4
WINT, Waterloo-Fort Wayne, Ind., 20:10, 24:9
KFJI-TV (CP), Klamath Falls, Ore., 20:10
WNHC-TV, New Haven, Conn., 21:7, 22:16, 25:9, 32:4, 34:16
WORA-TV, Mayaguez, P.R., 21:7
KOSA-TV, Mayaguez, P.R., 21:7
KOSA-TV, Marinette-Green Bay, Wis., 23:7, 29:4, 38:5
KSHO-TV, Las Vcgas, Nev., 24:5, 38:5, 46:8, 48:8
MGM nlans, 25:4, 28:6, 32:2, 36:6, 44:9 48:8
MGM plans, 25:4, 28:6, 32:2, 36:6, 44:9
KSLM-TV (CP), Salem, Ore., 18:10, 25:5, 34:2, 46:1
KLAS-TV, Las Vegas, Nev., 25:9
WFIE, Evansville, Ind., 25:9
WVVG, Tulare-Fresno, Cal., 25:16
WTVT, Tampa, Fla., 26:4, 27:8, 29:4
WMUR-TV, Wailuku, Hawaii, 26:4, 34:6
WACH-TV, Newport News, Va., 27:8, 29:4
WMUR-TV, Mainchester, N. H., 28:5, 51:9
WMCN (CP), Grand Rapids, Mich., 28:5, 37:9
WISH-TV, Indianapolis, 30:3, 34:1, 34:6, 41:1
Magnuson opposes syndicate buys of TV stations, 30:4
WGBI-TV, Scranton, Pa., 31:2, 38:5, 42:12, 49:8
WDAM-TV, Hattiesburg, Miss., 31:2, 38:6
WJNO-TV, Palm Beach, 31:2, 32:4, 37:6, 40:4
KTTV, Los Angeles, 32:2
WEHT, Henderson, Ky., 35:3, 37:6, 43:7
Henry Kaiser seeking stations, 34:16
KCCC-TV, Sacramento, Cal., 36:14, 37:6, 40:4
WRAK-TV, Milliamsport, sale cancelled, 37:6
Capper publications (WIBW-TV & WIBW, Topeka) sold to Stauffer, 38:5, 51:7
WSIX-TV, Nashville, Ten., 38:5, 41:4
KWSM-TV, Joplin, Mo., 39:6, 44:8, 49:8
WRAK-TV (CP), Lexington, Ky., 44:7
PRM plans, 44:9
KOOK-TV, Billings, Mont., 45:5, 50:7
WRGP-TV, Chatanooga, Tenn., 46:8, 48:8
WINR-TV (CP), Binghamton, N. Y., 46:3
KDWI-TV, Lexandria, La., 49:8
KALB-TV, Alexandria, La., 49:8
KILT. El Paso, Tex., 49:8
KiLX-El Paso, Tex., 49:8
KuZA: Fudata Saccomenter, 28:58 MGM plans, 25:4, 28:6, 32:2, 36:6, 44:9 KSLM-TV (CP), Salem, Ore., 18:10, 25:5, 34:2, 49:6 KALB-TV, Alexandria, La., 49:8 KILT, El Paso, Tex., 49:8 Movie producers plan TV station buys, 50:2 Time Inc., buys Bitner stations, 50:4, 51:6, 52:7 two \$20,000,000 offers for TV-AM combinations, 51:1 KOAT-TV, Albuquerque, N. M., 51:6 KOB-TV, Albuquerque, N. M., 51:6, 52:6 WPFH, Wilmington, Del., 51:6 KOSA-TV, Odessa, Tex., 50%, 51:7 6-month list of sales, 51:7 KCOA (CP), Corona, Cal., 52:6 KEYT, Santa Barbara, Cal., 52:7 51 SATELLITES-see Boosters & Satellites SERVICING & SERVICEMEN (see Receiver Installation) SETS-IN-USE-see Census TV Receiver SMPTE-see Movies SPORTS (see also Closed-Circuit & Theatre TV) boxing, 2:16, 4:8, 19:16 Olympic Games, 30:7, 37:10, 38:5, 47:6 wrestling, 43:14 Baseball World Series. 2:6, 14:7, 27:1, 37:8 1956 revenue, 9:9 sponsors, 12:9 sponsors, 12:9 new owners of Detroit Tigers, 28:14, 29:14 Storer buys Miami Marlins, 50:7 Football NCAA plan, 2:7, 7:16, 10:8 Big 10 regional to NBC, 22:16 Notre Dame on Sheraton closed circuit, 37:7 transistor receiver used in football helmets, 38:14, 42:12 WNDU-TV to carry 9 Notre Dame games, 38:14 sponsor expenditures for pro & college games, 39:8 closed-circuit for overflow from stadium at Ohio State, 42:12 Los Angelcs Rams coach by closed-circuit, 44:14 Big 10 plan for next season, 49:10 SUBSCRIPTION TV UBSCRIPTION TV Zenith plea at allocation hearing, 6:4 Jerroid plans systems, 6:5 N. Y. City Council opposes, 4:8, 7:16 Comr. Lee advocates trial, 8:16, 10:3 AFTRA opposed, 9:16, 28:8 FCC not rushing decision, 10:2 WFMZ-TV, Allentown, turned down by FCC. 10:2

American Civil Libertiés Union endorses, 21:6 roundup, 23:16
TV Exhibitors of America seeking uhf CPs 24:11, 26:7, 27:8, 28:8
RKO's Dozier foresees more movies produced for TV than theatres, 28:8
International Telemeter views closed-circuit, 29:7 experimental operation favored by McCon-naughy, 29:7
NARTB brochure, 31:14
closed circuit in Bartlesvillc, Okla., 42:3, 48:3
feature movies' drawing power revives argu-ments, 46:3
URVEYS (see also Home Life, TV's Impact on) ments, 46:3 SURVEYS (see also Home Life, TV's Impact on) ARB "A to Z," 1:16, 8:1 Nielsen county-by-county, 2:6, 29:14 NARTB plan for sets-in-use census, 5:14 ColorTown, 9:15, 41:4 'Printers Ink' lists TV ownership for 172 ma-jor markets, 18:16 Census Bureau TV household estimate, 20:1 set saturation in 21 markets reported in '1956 Consolidated Consumer Analysis', 20:13 NARDA plans study of dealer attitude on sales & warranty policies by mfrs., 21:13 consumer buying report by U. of Mich., 25:11 Pulse finds live vs. film not factor in viewing. 30:5 BBDO studies children's influence on family buying & entertainment, 30:6 kiddie shows sell adult products. Advertest finds, 31:6 local movies equal 31% of station time, reports NARDA PR server. nnds, 31:6 local movies equal 31% of station time, reports NARTB survey, 31:7 price is biggest color sales deterrent, Iowa study finds, 31:8 Peters, Griffin, Woodward Inc. market study, 33:5 33:5 set ownership and viewing habits in Los An-geles revealed by ABC survey, 38:14 Videotown, 41:3 ANPA "Tell 1t to the Teens" study, 42:12 increased viewing reported by TvB, 46:10 4,000,000 homes view uhf stations, reports Niel-sen, 51:18 sen, 51:18 TAPE RECORDING, TV color tape by 1957 says RCA, 12:14 Ampex, 15:4, 16:1, 17:16, 20:8, 26:15; 31:14, 39:16, 40:7, 49:3, 51:11 Bing Crosby Enterprises sells video tape project to Minnesota Mining, 35:9 RCA home TV tape player, 39:5, 40:2 NBC previews color tape on "Jonathan Winters Show," 43:8 CBS using Ampex, 49:3, 51:11 AAES receiver excise, 2:13, 13:2, 15:2, 23:16, 28:9, 45:11, 47:2, 48:1, 49:14, 50:9 deduction of warranty, 4:12, 13:13 new 10% excise proposed on transistors, wire & tape recorders & record players, 11:15, 19:12, 21:13 all-channel colorect TAXES all-channel color set exemption, 13:2, 19:1 excise collections on TV-radios-phonos, 22:11, excise collections on 36:12, 47:12, 51:14 ADMIRAL CORP. financial reports, 9:14, 15:14, 19:15, 32:12, 45:12 airborne military TV systems, 10:16 price increases, 14:12, 44:11 10-in. portable, 15:11, 16:14 Canadian Admiral financial report, 15:14 solar-powered radio, 15:15 raises production goal, 18:12 increases advertising, 20:13 'Life' story on development of printed circuits & automation, 21:15 buys Raytheon, 22:10 new sets, 26:13, 45:11 drops private label plan, 29:11 biggest promotion effort, 30:7 Raytheon private label tools & dies sold to Halli-crafters, 30:11 study of radiation effect on electronic compon-ents for Air Force, 31:12 transistor pocket radios, 42:11 AEROVOX CORP., 9:14, 32:12 44:13 AEROVOX CORP., 9:14, 32:12 AIRBORNE INSTRUMENTS LABORATORY, 22:15, 39:14, 41:13 AMPEX CORP. financial reports, 23:15 TV tape recording, 15:4. 16:1, 17:16, 20:8. 26:15, 31:14, 39:19, 40:7, 49:3, 51:11 AMPHENOL ELECTRONICS CORP., 20:15, 31:13 ARVIN INDUSTRIES, INC., 18:15, 31:13 BECKMAN INSTRUMENTS, 19:15, 47:13, 49:17 **BELOCK INSTRUMENT CORP.**, 3:14 BENDIX RADIO DIV., BENDIX AVIATION CORP. quits TV production, 30:10 sold to Phileo, 38:11, 46:11 transistor for auto radios, 46:14 MERICAN TEL FURION INC. 88:10 AMERICAN TELEVISION INC., 38:12 CAPEHART-FARNSWORTH CORP. expands factory-to-dealer representation, 3:11 first Canadian sets, 12:13 sale to Ben Gross Corp., N. Y., 18:11, 19:10 new sets, 20:13 production plans, 24:13

TELEMETER - see Subscription TV TELEVISION FUND (see Financial Activity, General) THEATRE TV --- see Closed-Circuit TRANSISTORS RANSISTORS Bell "diffusion," 3:13 Motorola's radio pager, 3:13 portable radios, 4:13, 12:13, 19:11, 24:15, 33:9, Motorola's radio pager, 3:13 portable radios, 4:13, 12:13, 19:11, 24:15, 33:9, 34:13 GE tester, 6:13 sales, 7:13, 19:14, 32:11, 50:12 new 10% excise proposal, 11:15, 19:12 Philco has tiniest yet, 11:17 Texas Instruments "grown-diffused." 12:15 1956 production, 13:12, 14:15 GE price cut, 16:16 RCA has new high-frequency germanium, 19:14 duPont cuts silicon price, 26:14 General Transistor Corp., 28:13 Emerson claims to be largest transistor radio maker, 33:9 FTC charges Emerson with false advertising on transistor radios, 34:11, 49:15 long-life reported by GE, 39:15 transistor growth forecast by Shockley, 43:1 hams use transistor transmitters to exchange messages with Denmark, 43:13 future surveyed by 'Wall St. Journal', 48:11 **RANSMITTERS — see Equipment, Telecasting** TRANSMITTERS -- see Equipment, Telecasting
TUBES, TV PICTURE

(see also individual manufacturers and Color)
shallow, 3:10, 6:10, 12:11. 35:14, 45:10, 47:10
1955 month-by-month sales, 6:12
Anchor Hocking makes GE 9-in., 13:11
new GE tube for portables, 13:15
Sylvania changes defective tube policy, 14:12
TV Guide' on counterfeit tube racket, 15:12
Corning Glass makes 8½-in., 16:14
Philco and 17& sign licensing agreement, 17:14
RCA 14-in. aluminized, 20:13
small tube makers, 21:12, 22:14, 33:9
Sylvania adds 3 new 14-in., 22:14
DuMont aluminized, 23:13
prices, 34:9, 35:10
Willys flat tube, 46:15
new Westinghouse picture tube gun, 47:11
UHF (Ultra High Frequency)
(see also allocations, etc.)
RCA 4½-megawatt transmitter, 7:9
set conversion, ARB survey, 8:1
Committee for Competitive TV, 11:2, 12:3, 13:5, 14:2, 15:2, 16:8
McConnaughey on all-uhf, 16:4 TRANSMITTERS --- see Equipment, Telecasting MANUFACTURERS AND MERCHANDISERS auctions off production machinery, 34:11 new TV-radio-phono line delayed, 33:9, 43:11 CBS-COLUMBIA INC. free table radio with TV. 15:13 CBS lnc. financial reports, 19:15, 42:11 new sets, 23:14 quits set production, 25:11, 28:11 shuts factory branches, 26:13 Long Island plant sold, 50:13 **CBS-HYTRON** changes brand name to "CBS," 14:13 color tube, 12:1 shuts Kalamazoo plant. 25:13 CHANNEL MASTER CORP., 51:14 & 15 CLAROSTAT MFG. CO. INC., 34:15 CLEVITE CORP., 14:15, 16:17, 18:15, 43:12 COLLINS RADIO CO., 4:14, 14:13, 31:13, 43:12, CONSOLIDATED ELECTRONICS INDUSTRIES CORP., 34:13, 51:17 CORNELL-DUBILIER, 1:15, 4:14, 15:14, 26:14. 39:14, 43:12 CORNING GLASS WORKS shallow tube, 12:11 plans color bulb plant, 12:14 financial reports, 46:14 Sylvania-Corning Nuclear Corp., 46:15 new optical-quality face plates for CR tubes, 51:17 51:17 **CROSLEY DIV., AVCO MFG. CORP.** Avco financial reports, 5:12, 14:14, 27:12 Avco stock increase, 10:17 plans first fully-automatic TV set, 18:13 Canadian subsidiary temporarily suspends, 19:11 Avco leases Lawrence, Mass. plant, 25:15 new sets, 28:12 Crosley-Bendix sale rumors denied, 37:11 Crosley-Bendix makes Philco stoves, 42:9 suspends TV-radio production, 43:10 sells Bendix to Philco, 44:10 Avco guided missile research center, 47:13 Bendlx \$92,000,000 backlog, 48:8 transistorized transmitter-receiver, 49:17 7

bill to cut to 5% excise on uhf scts, 23:16 FCC drops issuance of "tax certificates," 39:16 unsuccessful TV applicants may deduct expenses from income tax, 44:14 Internal Revenue may change time for produc-tion cost write-off. 49:6 performers' holding companies, 50:6, 51:12

 38:7
 1½-megawatt at WILK-TV, Wilkes Barre, 38:8
 "crash research" on uhf, 16:4, 29:6, 32:1, 38:1, 40:2, 42:6, 48:2
 FCC cracks down on inactive CP holders, 47:4
 4,000,000 homes view uhf stations, according to Nielsen, 51:18 Receivers all-channel color sct tax exemption, 2:13, 13:2, 15:2, 23:16, 28:5, 45:11, 47:2, 49:14, 50:9 Congress seeks all-channel sets, 8:2, 13:2 GE tube, 9:6 Sarkes Tarzian on costs, 9:6 Buffalo conversion campaign by WBUF, 22:16, 32:4, 33:12, 38:9 NIONS & CULU DS Butato Conversion campaign by WBOF, 22:16, 32:14, 33:12, 38:9
UNIONS & GUILDS
SAG residual payments, 2:7
Un-American Activities report on AFTRA, 4:16
Petrillo agrees to use of film clips, 7:7
"re-use payments" of TV repeats cut, 7:7, 9:7
FCC fosters monopoly, says NABET pres., 11:11
SAG defines jurisdiction, 13:7
Electronicam ruled movie process, 16:7
blacklisting, 16:18, 17:10, 25:18, 26:16
jurisdictional dispute blocks TV use of new Coliseum, N.Y., 18:8, 19:4
NARTB asks exemption from Wage-Hour Act overtime rules for small-market stations, 20:10
rerun payments to actors, 21:9
Writers Guild votes for strike, pending new contract agreement, 21:16
SAG rejects single union for live & filmed TV performers, 22:6
IUE studies automation's effect, 22:11, 25:13, 30:11
AWAEF such by Eavilt 27:14, 22:4 30:11 AWARE sued by Faulk, 27:14, 32:4 FCC suspends radio licenses of 3 KP1X en-gineers, 30:8 KRCA cameramcn & engineers strike, 37:16 post-1948 features payments, 42:7, 45:8, 51:3 one-day strike at GE, Syracuse, 42:10 AFTRA contract, 47:14, 49:6 union members get control of AFM royalty funds, 50:10, 51:12 recorded commercials count toward unemploy-ment insurance benefits in N. Y., 50:14 WKBN-TV, Youngstown, O. strike, 51:12 OLCE OF AMERICA 30:11 WKBN-TV, Youngstown, O. strike, 51:12 VOICE OF AMERICA Eisenhower seeks expansion, 1:16 budget, 2:8, 13:8 new "ham" program, 11:12 Button succeeds Poppele, 20:7, 29:5 Williams named to coordinate programs, 31:8 TV div. 6-month report, 35:14 USIA broadcast advisory committee, 36:5 Munich single-sideband transmitter system, 41:13 "America Presents America" film, 42:7 Streibert resigns, 45:7 mayors of Paris, Berlin, Stuttgart & N.Y. ex-change greetings, 46:16 Warsaw sees USIA "Political Conventions" TV film, 47:14 Larson named director of USIA, 51:5 Larson named director of USIA, 51:5 increases broadcasts to Middle East, 51:5 DAYSTROM CORP., 5:12, 22:15, 25:17, 43:12, 49:17 ALLEN B. DuMONT LABORATORIES INC. missiles engineering dept., 2:14 reorganization, 6:11, 24:11 engine analyzer, 7:12 Electronicam, 4:16 financial reports, 9:14, 12:13, 18:15, 30:13, 44:13 realigns transmitter sales force, 10:16 Schultz contract, 14:13 new sets, 15:12, 24:15 Mexican producer-distributor, 16:15, 48:11 increases European sales, 20:13 abandons one-line-a-year policy, 28:12 "Tropic" test for receivers, 29:12 to stay in set business, 35:11 transistor portable radio, 51:14 DYNAMICS CORP. OF AMERICA, 3:14, 6:13, 49:17DYNAMICS CORP. OF AMERICA, 3:14, 6:13, 18:14, 19:15, 22:15, 26:15 EITEL-MCCULLOUGH INC., 20:15, 23:15, 27:13, 32:12 **ELECTRONIC ASSOCIATES INC.**, 29:13 ELECTRONICS CORP. OF AMERICA, 10:17 EMERSON RADIO & PHONOGRAPH CO. financial reports, 2:14, 10:17, 23:15, 37:15, 38:13 new unit to rent appliances, 3:11 price increases, 4:12, 37:12 tinkertoy, 4:10, 9:12 predicts 500,000 color set sales, 4:15 revival of projection TV, 4:15 transistorized portable radio, 12:13 8¹/₂-in. TV-radio portable with phono jack, 25:14 false advertising charge by FTC, 34:11, 49:15 \$8,000,000 ad campaign, 36:12 skips dividend, 30:14 Ben Abrams profiled in 'N. Y. Herald Tribune'. 41:12 ERIE RESISTOR CORP 15:14, 24:15 **ELECTRONICS CORP. OF AMERICA**, 10:17

propagation analysis by consulting engineers,

38:7

- ERIE RESISTOR CORP., 15:14, 34:15
- GABRIEL CO., 14:14
- GENERAL ELECTRIC CO. (GE)
- ENERAL ELECTRIC CO., (61.) solar radio, 2:13 financial reports, 8:15, 13:13, 29:13, 42:11 Edison radio amateur award, 7:12 9 & 17-in. portable, 11:13, 12:10, 13:11

color tube, 12:1 uhf antenna. 12:5 new tube for portables, 13:15 TV station automation equipment, 14:8 debentures, 14:13, 17:15 automatic TV programmer, 15:9 consumer product sales to top \$1 billion, 15:17 moving communication equipment section to Gainesville, Fla., 22:14 doubling TV production, 24:13 GE of Mexico, 24:14. 32:10 new sets, 24:15 factory TV service, 22:14, 31:11, 34:9, 35:10 Air Force contract for radar jammers, 31:12 raises prices, 35:11 enters closed-circui field, 38:14, 48:11 world-wide TV relay via satellites predicted by Haviland, 47:7 new dept. of communications products, 47:12 curtails tube shipments, 48:9 appliance strike in Louisville, 49:15 consumer products kept up with other divs., 50:11 picture tube sales, 51:14 GENERAL INSTRUMENT CORP. financial reports, 2:14, 19:15, 28:13, 41:13 buys Micamold Electronics, 18:13, 24:16 buys F. W. Sickles Co. of Canada, 33:9 GENERAL PRECISION EQUIPMENT CO 3:12, 13:14, 15:14, 19:15, 25:17, 34:15, 45:14 CORP. GLOBE-UNION INC., 20:15, 21:14 HALLICRAFTERS CO. new sets, 3:11, 25:14 Penn-Texas merger, 5:14, 9:14, 11:15 Penn-Texas financial reports, 19:15, 30:13, 51:15 buys Raytheon private label tools & dies, 30:11 Penn-Texas investigated by Senate, 30:13 HAZELTINE ELECTRONICS CORP financial reports, 12:13, 30:13, 41:13 wins suit against Avco, 41:12 HOFFMAN ELECTRONICS CORP. orran ELECTRUNICS CORP. new sets, 1:13, 25:14 'N. Y. Herald Tribune' success story, 9:13 14-in. portable, 11:13, 14:12 financial reports, 13:14, 17:15, 30:13, 44:13. 49:15 49:10 increasing authorized shares, 16:17 signs Kelvinator distribution agreement, 23:13 building research center, 44:12 \$25,000,000 Navy contract, 44:12 \$25,000,000 Navy contract, 44:12
 HOTPOINT CO.
 TV line, 1:11, 2:11, 4:10, 7:10, 17:13, 24:15, 27:11
 distribution plan, 8:10
 renews Graybar franchises, 20:13
 names district mgrs., 32:10
 price increases, 38:12
 WYCON MANUEACTURING CO. 47:12, 48:2 HYCON MANUFACTURING CO., 47:13, 48:8, 51:17 INDIANA STEEL PRODUCTS CO., 8:14, 24:17, 27:11, 32:13, 43:12 INTERNATIONAL RESISTANCE CO. financial reports, 11:15, 18:15, 31:13, 52:12 subsidiaries merged, 11:17 'American Stock Exchange Investor' article, 29:13 Circuit Instruments moves, 37:15 INTERNATIONAL TELEPHONE & TELEGRAPH CORP.—see also Capehart-Farnsworth financial reports, 8:15, 14:13, 21:15, 24:17, 36:13, 39:14, 51:17 sells Capehart-Farnsworth, 18:11, 19:10 FTL expansion, 31:12 I-T-E CIRCUIT BREAKER CO., 46:14 JERROLD ELECTRONICS CORP. financial reports, 23:15, 44:13 demonstrates "single-cable" closed-circuit system, 48:11 Bartlesville, Okla. "home theatre," 42:3, 48:3 KAY LAB
stock issue, 21:14, 28:12
financial reports, 31:13, 43:12
expansion program, 47:13
MAGNAVOX CO.
stock offer, 1:13
buys Sentinel, 2:10, 7:12, 8:10
financial reports, 3:14, 7:14, 15:17, 19:15, 39:14, 40:11, 44:13, 50:16
buys Sparton, 4:10, 5:12
name change to Spartan, 7:12
translstor radio, 14:12
up-beat story in 'Wall St. Journal', 22:14
phono & radio-phono lines, 25:13
first portable, 26:13
new sets, 10:13, 30:11
moves promotion-sales to Evansville, 34:11
among top 10 set makers, says Freimann, 52:11
P. R. MALLORY & CO. KAY LAB Buys General Dry Batteries Inc., 7:13 financial reports, 9:15, 14:13, 17:15, 30:12, 44:13 Equitable Life Assurance notes refinancing, 42:11 McINTOSH LABORATORY INC., 22:15 MITCHELL MFG. CO., 4:12, 13:13 MOTOROLA INC. **10TOROLA INC.**financial reports, 8:15, 11:15, 18:15, 19:15,31:12, 44:13IRETMA medal of honor to Paul Galvin, 11:14employe profit-sharing, 12:14Canadian branch folds, 15:13small portables, 16:14new sets, 25:14licenses Addison Industries Ltd., Toronto, 31:11F. S. Moselcy issues bullish report, 33:11radio sales up, 39:12\$1,000,000 Signal Corps transistor contract, 44:12

reorganization, 45:13 Otto Graham promotion, 47:11 UBS recommends stock, 51:15 Dan Noble profile in 'N. Y. Times', 51:17 MUNTZ TV INC., 2:13, 24:17, 39:12, 47:13, 51:16 MUTER CO. 16:17, 31:13, 43:12 NATIONAL CO., 15:14, 34:15 NATIONAL UNION ELECTRIC CORP., 15:17, 36:13, 43:12 NORTH AMERICAN PHILIPS CO. INC., 8:14, 22:1, 37:15 OAK MFG. CO., 7:14, 13:14, 20:15, 31:13, 45:14, 51:17 51:17 OLYMPIC RADIO & TELEVISION DIV., UNI-TRONICS CORP. new sets, 1:13, 11:15, 14:12, 24:15, 25:13, 50:13 buys David Bogen, 4:10, 5:11 color receiver pilot run, 6:15 debentures, 9:14 14-in. portable, 11:13 financial reports, 12:13, 19:15, 41:13 sets up holding corp., 17:15 changes name to Unitronics Corp., 23:14, 31:11 buys Presto Recording Corp., 27:11 Unitronics Corp. financial report, 45:12 claims to be 10th in TV production, 47:11 PACIFIC MERCIENT TELEVISION CORP. 20:13 **PACIFIC MERCURY TELEVISION CORP.**, 29:13 PACKARD-BELL ELECTRONICS CORP. buys Technical Reproductions. 1:13 financial reports, 2:14, 4:14, 11:15, 17:15, 24:17, 25:17, 34:15, 42:11 new sets, 11:15, 26:13 changing name from Packard-Bell Co., 38:13 Changing Jaine From Fackatd-Der Co., 55:13
PHLCC OCRP.
\$50,000 award to Drexel Institute, 3:12
Skinner succeeds Carmine as pres., 7:11
closes Croydon, Fa., plant, 7:11
financial reports, 7:14, 18:15, 30:13, 35:12, 44:13
low-power TV transmitter "package," 9:10
tiniest transistor, 11:17
color set, 12:1
mechanizes, 14:10
Firestone to carry line, 15:11
wireless paging system, 15:16, 28:14
decentralizing operations, 17:13
new IUE contract, 17:13
to make own washers & dryers, 18:12
14-in, portables, 24:15, 45:11
new sets, 17:13, 25:14, 50:12
"realignment," 28:10
price increases, 35:11
buys Bendix, 38:11, 44:10, 45:11
names BBDO, 40:11
Crosley-Bendix to produce stoves, 42:9
buys Sierra Electronics Corp., 45:13
guarantee on transistor portable radio, 52:10
liberalized dealer franchise, 52:11
J. V. PHILIPS CLOEILAMPENFABRIEKEN PHILCO CORP. N. V. PHILIPS GLOEILAMPENFABRIEKEN background & financial report, 22:1 Philips U. S. Trust, 23:15 sales up, 51:17 RADIO CONDENSER CO., 15:14, 35:11 RADIO CORP. OF AMERICA (RCA) ADIO CORP. OF AMERICA (RCA) engineering products div. split, 2:12 produces owns tape recorders, 3:11 mass production of color receivers, 5:1, 5:15 electronic enlarging printer, 7:13 fellowships-scholarships, 8:12, 35:14, 38:6, 47:9 portable radios, 8:12 portable "creepy-peepy," 8:15, 12:5 Sarnoff's educational reserve proposal, 4:14, 17:14 17:14 8½-in. TV, 7:10, 9:11, 13:11 Sarnoff option on 100,000 shares, 9:15 \$18 billion electronic sales by 1954, says Folsom, 10:16 nidget studio power unit, 12:5 shallow tube, 12:11 flight lab at New Castle, Del., 12:15 leases Needham, Mass. plant for electronics, 12:15 Parses Inverdiant, Mass. plant for electronics, 12:16
dedicates Moorestown, N. J. plant, 18:14
financial reports, 8:14, 18:15, 30:13, 42:11, 52:12
signs with IUE, 19:12
increases wages, 20:13
\$25,000 grant to Bryn Mawr. 23:14
new sets, 23:14, 49:15, 52:11
called "outstanding" in report by Zuckerman, Smith & Co., 24:17
Gen. Sarnoff's 50th anniversary, 37:7, 39:1, 40:2
Sarnoff Gold Medal. 37:10
new radio sets, 39:12
RCA awards, 41:13
list of equipment sales to NBC affiliates, 50:9
VATUEON MOC GO RAYTHEON MFG. CO. AYTHEON MFG. CO. financial reports, 1:15, 12:13, 28:13, 37:15, 39:14, 52:12 new plant. 3:11 military orders, 4:14 "rollabout" set, 5:12 adds dealers, 8:12 Air Force electronics contract, 14:15 option on Textron's Andover, Mass. plant, 21:15 TV-radio operation sold to Admiral, 22:10 new plant in Manchester, N. H., 22:14 to build Goleta, Cal. lab, 25:15 \$60,000,000 Navy guided missile contract, 41:13 \$35,000,000 Army Ordnance contract, 44:12 CAA orders long-range radars, 47:13 pew Maynard, Mass. lab, 49:17 EEVES SOUNDCRAFT CORP. 15:14

SCOTT RADIO LABORATORIES, 3:11, 24:14, 38:12, 49:15, 50:13 SENTINEL RADIO CORP. bought by Magnavox, 2:10, 7:12, 8:10, 13:13 financial reports, 12:13 new sets, 31:11 francises dealers, 32:10 distributors, 42:11 SERVOMECHANISMS INC., 13:14, 25:17 SKIATRON ELECTRONICS & TELEVISION CORP., 10:17, 27:13, 35:13 SONORA RADIO & TELEVISION CORP., 12:12, 32:11 SPARKS-WITHINGTON CO., 3:13, 7:14, 30:11 SPRAGUE ELECTRIC CO. Concord, N. H. plant, 8:15 financial reports, 13:14, 35:13, 41:13 buys Milan, Italy, capacitor plant, 39:15 STANDARD COIL PRODUCTS INC., 4:14, 13:14, 18:14, 20:15, 25:17, 33:11 STANDARD ELECTRONICS CORP., 11:12 STEWART-WARNER CORP., 30:11 STROMBERG-CARLSON CO. (General Dynamics TROMBERG-CARLSON CO. (General D Corp.) drops TV, 4:10, 14:12, 31:11 scholarships, 8:12 sells WHAM-TV, 14:16 San Diego plant opens, 15:14 General Dynamics stock split, 30:12 officers, 35:13 buys plant for electronics, 39:14 Robert C. Tait compensation, 43:12 General Dynamics financial report, 45:12 VI VANUA ELECTRIC DEPODUCTS CO Robert C. Tait compensation, 43:12
General Dynamics financial report, 45:12
SYLVANIA ELECTRIC PRODUCTS CO. Mexican subsidiary, 2:13
Fullerton, Cal. tube plant expanded, 3:11, 27:11
redeems cumulative preferred stock, 4:14
predicts 300,000 color sets in 1955, 4:15
new "radio frequency" lamp, 5:11
financial reports, 7:14, 10:17, 17:16, 29:13, 43:12
electronic div. moves, 10:16
set insurance plan for dealers, 11:15
buys Formatic Machine Co., 12:13
color sets, 15:15
expands in atomic energy, 15:15
buys Hillsboro, N. H. plant, 19:14
new microwave physics lab, 20:14
called "outstanding" in report by Zuckerman, Smith & Co., 24:17
new sets, 25:13, 42:10
moves TV-radio div. to Batavia, N. Y., 31:11, 49:14
buys Argus Cameras, 39:14
buids Altoona tube plant, 43:12
closes Hatboro, Pa, tube plant, 44:11
appliance sales trends provided by dealer panel, 44:12
Sylvania-Corning Nuclear Corp., 46:15 44:12 Sylvania-Corning Nuclear Corp., 46:15 new research center, 49:17 sells Buffalo plant, 51:14 SARKES TARZIAN INC., 2:14 TEMPLETONE RADIO CORP., 31:11 TEXAS INSTRUMENTS, 13:12, 15:17, 22:14, 33:11, 47:13, 48:8 THOMAS ELECTRONICS CORP., 3:15 THOMPSON PRODUCTS INC., 16:15 TRAV-LER RADIO CORP., 13:14, 15:14, 27:11 TRUETONE (WESTERN AUTO) 4:12 TUNG-SOL ELECTRIC CO., 8:14, 18:15, 31:13, 45:12 VARIAN ASSOCIATES, 25:17, 39:14 WEBCOR INC., 15:14, 18:15, 39:13 WELLS-GARDNER & CO., 14:13, 44:13, 46:12 WESTERN ELECTRIC CO., 8:15 WESTERN ELECTRIC CO., 8:15 WESTINGHOUSE ELECTRIC CORP. new sets, 1:13, 24:15 'Forbes' article, 1:15 financial reports, 3:14, 9:13, 14:13, 17:15, 28:13, 30:13, 44:13 portables, 11:13, 34:11, 48:10 color tube, 12:1 resumes production 12:11, 14:10 Canadian financial report, 12:14 output up 15-20% above pre-strike level, 19:12 expanding tube plant, 25:13 small appliance sales up after fair trading drop, 37:13 price increases, 37:13 cxpansion plans, 38:13 cxpansion plans, 38:13 new picture tube gun, 47:11 record 1957 sales expected, 51:16 record 1957 sales expected, 51:16 WHIRLPOOL-SEEGER CORP, food freezer line, 5:11 sinking fund debentures, 9:15 financial reports, 10:17, 22:15, 34:15, 46:14 progress report, 15:12 expanding refrigerator div., 19:11 plans full appliance line in 1957, 34:11 \$20,000,000 ad budget, 35:12 distributor franchise agreement, 49:13 WH COX CAY, CORP. 20:0, 20:0, 21:5 WILCOX-GAY CORP., 32:12, 34:15 XENITH RADIO CORP.
new sets, 3:11, 23:14, 50:12
financial reports, 10:17, 17:15, 31:13, 47:12
electronics expansion, 12:12
'Forbes' report, 20:13
price increases, 35:11
names Earle Ludgin & Co. ad agency, 45:11

REEVES SOUNDCRAFT CORP., 15:14