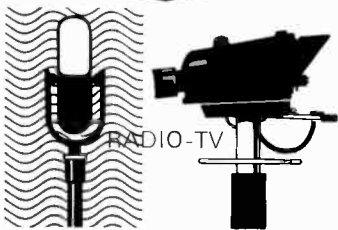


**\$200,000 To
\$2,000,000**

...or more to
finance that
radio or
television
facility you've
always wanted!



20 years' experience in communications financing is yours for the asking. If you're searching for radio or TV facility financing, call us. You'll like our program.

It's a pleasant combination of expertise and easy-to-live-with extended payment plans.

We're professionals in broadcast financing serving broadcasters since 1959. You'll benefit from our experience. If you need \$200,000 or more to finance a radio or television facility, phone us at (317) 638-1331 and ask Phil Thoben or Bill Van Huss to explain our individualized flexible financing. You'll get a confidential analysis of your financing needs plus competitive rates.

**Firstmark
Financial**

Firstmark Financial Corporation
Communications Finance Division
110 E. Washington Street
Indianapolis, Indiana 46204
(317) 638-1331

Editorial Index

A

Abbreviations	viii
A B C's of Radio and Television	A-1
ADI's	B-1
A Short Course in Cable	G-3
Advertisers Index	x
Advertising Agency Directory	D-1
Advertising Assns., Media Societies	F-31
Advertising Research Foundation	F-47
Advertising Services	D-7
Agencies, Advertising	D-1
Affiliates (see appropriate network)	
AFRTS	C-281
Agents, Talent	F-30
AM Stations	
By Call Letters, Canada	C-313
By Call Letters, U.S.	C-295
By Frequencies, Bermuda Caribbean	C-279
By Frequencies, Canada	C-345
By Frequencies, Mexico	C-277
By Provinces, Canada	C-262
By Frequencies, U.S.	C-314
By States, U.S.	C-1
American Advertising Federation	F-47
American Association of Advertising Agencies	F-47
American Broadcasting Co.	D-22
American Forces Radio & TV	C-281
American Telephone & Telegraph	E-44
American Women in Radio & TV	F-47
Anatomy of Cable Regulation	G-1
Applications, TV Stations	B-176
Applying for a Broadcast Station	A-32
APR	D-31
Arbitron	F-12
Artists Representatives	F-30
Assignments of TV Channels, U.S.	B-154
Assignments of FM Stations, U.S.	C-347
Associations, Societies	F-31
Associations, State Broadcasters	F-51
AT&T	E-44
Attorneys, Communications	F-20
Audience (Radio & TV)	D-112
Audience Analysis	D-112
Audience in TV Markets	B-1
Audience Measurement Services	F-12
Authorized Broadcast Stations, 1922-1979	B-184
Automated-Channel Suppliers	E-42
Awards & Citations	D-72

B

Bermuda, Caribbean Radio	C-279
Billings, Radio	D-110
Billings, TV	D-108
Black Programming	D-76
Books Relating to Radio-TV	F-55
Broadcast Automation Systems	E-43
Broadcast History	A-1
Broadcast Pioneers Library	F-48
Broadcast Rating Council	F-41
Broadcasters in CATV	A-61
Broadcasters State Assns.	F-51
Broadcasting, Evolution of	A-1
Broadcasting Since 1922, Growth of	B-184
Broadcasting, Short Course in	A-2

BROADCASTING PUBLICATIONS INC.

Sol Taishoff, *chairman*.
Lawrence B. Taishoff, *president*.
Edwin H. James, *vice president*.
Lee Taishoff, *secretary*.
Irving C. Miller, *treasurer*.

Broadcasting

Yearbook 1980

Executive and publication headquarters
Broadcasting-Telecasting building
1735 DeSales Street, N.W., Washington 20036.
Phone: 202-638-1022.

Sol Taishoff, *editor*.
Lawrence B. Taishoff, *publisher*.

EDITORIAL

Edwin H. James, *executive editor*.
Donald V. West, *managing editor*.
Rufus Crater, (New York), *chief correspondent*.
Leonard Zeidenberg, *senior correspondent*.
J. Daniel Rudy, *assistant managing editor*.
Frederick M. Fitzgerald, *senior editor*.
Mark K. Miller, Kira Greene, *assistant editors*.
Alan Green, Harry A. Jessell, Kathy Haley, Mary Pittelli, *staff writers*.
Stephen T. McClellan, *editorial assistant*.
Pat Vance, *secretary to the editor*.

YEARBOOK □ SOURCEBOOK

John Mercurio, *manager*.
Joseph A. Esser, Betsy Lemos, *assistant editors*.
Sandra Gattis, Scott Rakow, Anthony Sanders, Beverly Stetler, *editorial assistants*.

ADVERTISING

David Whitcombe, *director of sales and marketing*.
Winfield R. Levi, *general sales manager* (New York).
John Andre, *sales manager—equipment and engineering* (Washington).
Gene Edwards, *southern sales manager*.
David Berlyn, *Eastern sales manager* (New York).
Linda Petersen, *classified advertising*.
Doris Kelly, *secretary*.

CIRCULATION

Kwentin Keenan, *circulation manager*.
Kevin Thomson, *subscription manager*.
Byron V. Day, Christopher J. McGirr, Patricia Waldron.

PRODUCTION

Harry Stevens, *production manager*.
Don Gallo, *production assistant*.

ADMINISTRATION

Irving C. Miller, *business manager*.
Philippe E. Boucher.
Gale Smith, *secretary to the publisher*.

BUREAUS

New York: 630 Third Avenue, 10017.
Phone: 212-599-2830.
Rufus Crater, *chief correspondent (bureau chief)*.
Rocco Famighetti, *senior editor*.
Jay Rubin, *assistant editor*.
Anthony C. Herring, *staff writer*.
Karen Parhas, *editorial assistant*.
Winfield R. Levi, general sales manager.
David Berlyn, *Eastern sales manager.*
Harriette Weinberg, Marie Leonard, *advertising assistants.*
Hollywood: 1680 North Vine Street, 90028.
Phone: 213-463-3148.
James David Crook, *assistant editor*.
Sandra Klausner, *editorial-advertising assistant*.

London: 50 Coniston Court, Kendal Street, W2.
Phone: 01-402-0142.
William J. Sposato, *correspondent*.



Founded in 1931 as *Broadcasting**—*The News Magazine of the Fifth Estate*. □ *Broadcast Advertising** was acquired in 1932. *Broadcast Reporter** in 1933. *Telecast** in 1953 and *Television** in 1961. *Broadcasting—Telecasting* was introduced in 1946. □ *Reg. U.S. Patent Office. □ Copyright 1980 by Broadcasting Publications Inc.

Brokers and consultants F-1

BECKERMAN ASSOCIATES
Media Brokers—Consultants

14001 MIRAMAR AVENUE
 MADEIRA BEACH, FLORIDA 33708
 TELEPHONE (813) 391-2824

Business Films D-52
 Buyer's Guide E-49
 Buying/Planning Svcs D-7

C

Cable, A Short Course in G-3
 Cable Regulation, Anatomy of G-1
 Cable systems in Canada G-291
 Cable systems in U.S. G-5
 Call Letters
 AM Stations (U.S.) C-295
 FM Stations (U.S.) C-304
 TV Stations (U.S.) B-148
 Canada
 AM Stations by Call Letters C-313
 AM Stations by Frequencies C-345
 AM-FM Station Directory C-262
 Cable Systems G-291
 FM by frequency C-347
 FM Stations by Call Letters C-313
 TV by Channel B-153
 TV Station Directory B-140
 TV Stations by Call Letters B-153
 Station Representatives D-15
 Canadian Broadcasting Corp. D-44
 Canadian Representatives D-15
 Caribbean Radio Stations C-279
 CATV, Broadcasters in A-61
 CATV Financial Figures G-320
 CATV Listings, Key to G-4
 CBS Inc. D-32
 Channel Suppliers, Automated E-42
 Channels, FM C-336
 Channels, TV B-150
 Citations and Awards D-72
 Closed-Circuit TV D-72
 Code, NAB Radio D-20
 Code, NAB TV D-16
 Colleges Offering Radio-TV
 Degrees F-59
 Commercial Producers, Radio D-52
 Commercial Producers, TV D-52
 Common Carriers E-44
 Communications Attorneys F-20
 Communications Satellite Corp. E-45
 COMSAT E-45
 Congress, Radio-TV Galleries F-44
 Construction Services E-1

TAIT APPRAISALS
 SINCE 1936

**RADIO • TELEVISION • CATV
 PURCHASE ALLOCATION
 ESTATE & GIFT TAX • INSURANCE
 INVESTMENT TAX CREDIT
 PROPERTY ASSESSMENT**



"Nationwide"
 Corporate Headquarters
3663 W. Sixth Street
Los Angeles, Calif. 90020
 Call Collect (213) 385-1663

Consultants F-1

HIRSCH COMMUNICATIONS SERVICES
 CONSULTING—RESEARCH—IMPLEMENTATION

For information & communications needs to serve your marketing, media, public affairs objectives & special projects.

JAMES C. HIRSCH
 447 Westover Rd., Stamford, Conn. 06902
 Tel: (203) 324-4747

Contemporary Programing D-91
 Coordinators, AT&T E-44
 Corporation for Public
 Broadcasting D-43
 Correspondents Assn., Radio-TV ... F-50
 Country & Western Programing ... D-77
 CTV Television Network D-44

D

Data processing services E-43
 Demographics of TV
 Markets B-1, B-79, B-82, B-83
 Distribution Services, Multipoint ... E-44
 Distributors, Equipment E-1
 Distributors, Programs D-52

E

Educational Broadcasting Corp. ... D-44
 Employment Services F-24

Consulting Electrical Engineer to Education and industry specializing in the planning, design, operation, and maintenance of instructional and broadcast television, cable distribution, sound reinforcement, two-way radio, and associated electronic systems to meet short and long range needs of engineering and the objectives of management.

POHNS ENGINEERING
 301 SOUTH ALLEN ST.—SUITE 301
 STATE COLLEGE, PA. 16801 814/234-9090

Engineering Consultants F-14

SILLIMAN, MOFFET & KOWALSKI
 Washington, D.C. Area
 8701 Ga. Ave., Silver Spring, MD 20910
ROBERT M. SILLIMAN, P.E.
 (301) 589-8288
 1925 N. Lynn St., Arlington, VA 22209
JOHN A. MOFFET, P.E.
 (703) 841-0500
 Member AFCEE

Engineers, See Engineering Consultants
 Equipment Buyer's Guide E-49
 Equipment Makers, Distributors ... E-1
 Equipment Makers, International .. F-70

**STEEL, ANDRUS
 & ASSOCIATES**
 2029 K Street, N.W.
 Washington, O.C. 20006
 (301) 827-8725
 (301) 384-5374
 Member AFCEE

F

Farm Broadcasters,
 National Assn. of F-42
 Federal Communications
 Consulting Engineers,
 Assn. of F-48
 Federal Communications Commission
 Executives & Staff A-9
 Organization Chart A-8
 Past Members A-10
 Rules Regulating Radio-TV A-11
 Film Distributors for TV D-52
 Financial Consultants F-6

Financial Figures, CATV G-320
 Financial Figures, Radio D-108
 Financial Figures, TV D-108
 Financing, Station F-9
 Foreign TV B-147
 Formats, Radio Programing D-74
 Frequencies
 Canadian AM C-345
 Canadian FM C-347
 United States AM C-314
 United States FM C-336
 Frequency Measuring Services ... E-42

G

Galleries, Radio-TV in Congress ... F-44
 Global Television Network D-45
 Government Agencies A-34
 Group Ownership of Stations A-36

H

History of Broadcasting A-1
 Hughes Television Network D-43

I

Independent Media Buying/
 Planning Svcs. D-7
 Independent TV Stations, Assn. of F-48
 Index to Advertisers x
 International Broadcasting F-61
 International Equipment F-70
 International Producers F-66
 International Stations in the U.S. ... C-280
 International Television B-147, F-61

J

Jingle Producers D-52

K

Key to CATV listings G-4

L

Labor Groups & Unions F-52
 Labs, TV Processing D-52
 Land Lines (AT&T) E-44
 Law Firms F-18
 Lawyers, Communications F-20
 Library, Broadcast Pioneers F-48
 License, How to Apply for A-33
 Licensing, Music D-71

M

Magazine or Newspaper Ownership
 of Broadcast Stations A-51
 Management Consultants F-1

**JOE
 HIGGINS
 & CO**

Consultant to top management,
 specializing in human resource
 planning, organization planning
 and better implementation of
 current staff, station operations,
 budgeting rate cards.

**210 Garrett Lane
 Camp Hill, PA 17011**
(717) 761-1599



Representing

RAI RADIOTELEVISIONE ITALIANA

and

SACIS

in the U.S.A. and Canada
and Mexico

1350 Avenue of the Americas

(212) 975-0200

Renato M. Pachetti
Executive Vice President
and General Manager

The Washington that matters to you ...
... matters to us.

the Berns Bureau

Washington's largest independent radio news service has provided localized reports, actualities and features for over 200 stations in the U.S., Canada, and overseas. We cover Capitol Hill, the White House and federal agencies to spotlight YOUR issues, YOUR legislators, and YOUR visiting officials.

... covering YOUR Washington ...



**the
Berns
Bureau**
WASHINGTON, D.C.

PO. Box 23067 • Washington, D.C. 20024
202/234-4676

Managers, Talent	F-30	Program Producers, Radio	D-52
Manufacturers of Equipment	E-1	Program Producers, TV	D-52
Maps of TV Markets	B-1	Programing, Radio Formats	D-74
Market Research Services	F-12	Promotion Consultants	F-6
Markets, ADI TV	B-1	Promotion Films	D-52
Markets, TV by Size	B-79	Promotion Services	F-28
Markets, TV Demographics	B-79, B-82	Public Broadcasting	D-43
Maximum Service Telecasters,		Public Broadcasting Service	D-49
Assn of	F-48	Public Relations Services	F-28
Measuring Services, Frequency	E-42		
Media Buying/Planning Services	D-7		
Media Societies, Groups	F-47		
Mexican Radio Stations	C-277		
Microwave	E-44		
Middle-of-the-Road Programing	D-82		
Mobile Production Units	E-43		
Monitoring Services	F-12		
Motion Picture &			
TV Film Associations	F-47		
MSO's, U.S.	A-66		
MSO's, Canada	A-79		
Multiple Station Owners	A-66		
Music Licensing Groups	D-71		
Multiple Systems Operators, U.S.	A-66		
Multiple Systems Operators,			
Canada	A-79		
Multipoint Distribution Services	E-44		
Mutual Broadcasting System	D-35		

R

Radio			
Advertising Bureau	F-42		
Assignments of FM Stations	C-347		
Audience	D-112		
Bermuda Stations	C-279		
Billing 1935-1978	D-110		
Call Letters AM	C-295		
Call Letters FM	C-304		
Canadian AM Call Letters	C-313		
Canadian AM-FM Stations	C-262		
Canadian FM Call Letters	C-313		
Code of NAB	D-20		
Commerical Producers	D-52		
Correspondents	F-44		
Country & Western Programing	D-77		
Directory, Canadian	C-262		
Directory, U.S.	C-1		
Equipment Manufacturers	E-1		
Formats	D-74		
Frequencies, AM	C-314		
Frequencies, FM	C-336		
Group Ownership	A-36		
International Stations in the			
U.S.	C-280		
Information Office	F-41		
Jingle Producers	D-52		
Mexican Stations	C-277		
Networks, Regional	D-46		
Newspaper Ownership	A-51		
News Services	D-50		
Pioneers Library	F-48		
Program Distributors	D-52		
Program Producers	D-52		
Programing Formats	D-74		
Representatives	D-7		
Revenues and Income	D-108		
Set Sales—1922-1978	D-110		
Station Authorization-			
1922-1979	B-184		
Stations on Air	A-2		
Time Sales—1935-1977	D-108		
Radio Advertising Bureau	F-42		
Radio by county	C-282		
Radio Free Europe	C-281		
Radio Information Office	F-41		
Radio Liberty	C-281		
Radio Markets	C-282		
Radio-TV & Telecommunications			
Commission of Canada	A-35		
Radio-TV Correspondents Assn.	F-50		
Radio-TV Galleries of Congress	F-44		
Radio-TV News Directors Assn.	F-37		
Radiodiffusion Mutuelle Ltee.	D-44		
Ranking of TV markets	B-79		
Rating Services	F-12		
RCA Corp.			
Executives, Staff & Divisions	E-30		
Service Co.	E-32		
Recording Services	D-52		
Regional Radio Networks,			
Groups	D-46		
Regional TV Networks	D-45		
Representatives, Canadian	D-15		
Representatives of Stations, U.S.	D-7		
Research Services, Radio-TV	F-12		
Revenues, Radio	D-108		
Revenues, TV	D-108		
Robert Wold Co. Inc.	D-43		

N

National Advertisers, Assn. of	F-41
National Assn of Broadcasters	F-31
National Assn. of	
Farm Broadcasters	F-42
National Assn. of Television	
Program Executives	F-32
National Black Network	D-38
National Broadcasting Co.	D-38
National Public Radio	D-44
National Radio Broadcasters Assn.	F-41
Network Audience in TV Markets	B-83
Networks	
ABC Executives & Staff	D-22
APR	D-31
CBS Executives & Staff	D-32
Hughes Television Network	D-43
MBS Executives & Staff	D-35
National Black Network	D-38
NBC Executives & Staff	D-38
Robert Wold Co. Inc.	D-43
TVS Television Network	D-43
UPI	D-41
Regional Radio	D-46
Regional TV	D-45
News Directors, Radio-TV Assn.	F-37
News Services, Radio and TV	D-50
Newspaper Ownership of Stations	A-51
Nielsen, A.C. Co.	F-13

O

Ownership, Group Stations	A-36
Ownership, Newspaper	A-51

P

Pay TV	B-147
Placement Services	F-24
Press Services	D-50
Processing Labs, TV	D-52
Producers, International	F-66
Producers, TV Commercials	D-52
Product Guide	E-49
Production Units, Mobile	E-43
Professional Societies	F-47
Program Distributors, Radio	D-52
Program Distributors, TV	D-52
Program Producers, International	F-66

S	
Sales of Stations	A-33, B-157
Sales of TV time	D-108
Satellites	E-45
Owners, Operators	E-45
Programers, Networks	E-46
Resale, Common Carriers	E-46
Schools, Radio & TV	F-53
Set Sales, Radio	D-110
Sheridan Broadcasting Network	D-43
Short Course in Broadcasting	A-2
Societies, Professional, Radio-TV	F-47
Spanish Programing	D-90
Spanish Stations, TV	B-147
Sports Network (Hughes)	D-43
State Broadcasters Associations	F-51
Station Applications	A-32
Station Applications Pending, TV	B-176
Station Brokers	F-1

Hogan - Feldmann, Inc.
MEDIA BROKERS - CONSULTANTS
 16255 Ventura Boulevard, Suite 219
 Encino, California 91436
 Area Code 213 986-3201

Station Financing	F-9
Station Trading Record	A-33
Station Transfers, TV	B-157
Stations, Number	A-2
Subscription TV	B-147
Suppliers & Services	E-1

Surveys & Market Research	F-12
---------------------------	------

T	
Talent Agents	F-30
Technical Consultants	F-14
Television	
ADI Markets	B-1
Advertising Bureau	F-41
Allocations	B-154
Applications Pending	B-176
Assignments	B-154
Audience	D-112
Billings 1948-1978	D-108
Bureau of Advertising	F-41
Business Films	D-52
Call Letters	B-148
Channel Assignments	B-154
Channels	B-150
Closed Circuit	D-72
Commercial Producers	D-52
Code of NAB	D-15
Correspondents	F-44
CTV Network	D-44
Dimensions	A-2
Directory, Canadian	B-140
Directory, U.S.	B-87
Equipment Manufacturers	E-1
Group Ownership	A-36
Information Office	F-41
International	F-61
Markets, by ADI	B-1
Market Demographics	B-82
Market Ranking	B-79
Network delivery, by market	B-83

Networks, Regional	D-45
Newspaper Ownership	A-51
News Services	D-50
Regional Networks	D-45
Revenues and Income	D-108
Station Sales	B-157
Stations on air	A-2
Subscription	B-147
Time Sales 1948-1978	D-108
Transfers of Ownership	B-157
Television Bureau of Advertising	F-41
Television Information Office	F-41
Television Program Executives	
National Assoc. of	F-32
Top-40 programing	D-91
Trade Assns. & Professional	
Groups	F-47
Transcription Services (Radio)	D-52
Transfers of TV ownership	B-157
Transmitter & Equipment Mfrs.	E-1
TVA (network)	D-50
TVS TV Network	D-45

U	
Unions & Labor Groups	F-52
U.S. Govt. Agencies	A-34
UPI	D-41

V	
Viewing Habits	D-112
Voice of America	C-281

W	
World Radio & Television	F-61

Abbreviations Commonly Used in 1980 YEARBOOK

actg..... acting	CEO..... chief executive officer	horiz..... horizontal	net..... network	SH..... specified hours
ADI Area of Dominant Influence	coml..... commercial	ind..... independent	nwspr..... newspaper	sls..... sales
admin..... administrative	coord..... coordinator	hqtrs..... headquarters	off..... officer	Sp..... Spanish
ady..... advertising, advertisement	CP..... construction permit	info..... information	opns..... operations	spec..... special
affil..... affiliate	C&W country & western	instal..... installation	own..... owner	ST..... shares time
anncr..... announcer	D..... day	instrm..... instrumental	per..... personnel	stn..... station
ant..... antenna	DA..... directional antenna	It..... Italian	Pol..... Polish	sub..... subscriber
AOR album oriented rock	dev..... development	khz..... kilohertz	PR..... public relations	supt..... superintendent
APR..... Associated Press Radio	dir..... director	kw..... kilowatts	pres..... president	supvr..... supervisor
assn..... association	dup..... duplicates	loc..... local	prod..... production, producer	svcs..... services
assoc..... associate	edit..... editor	lstng..... listening	prog..... program	sw..... short wave
asst..... assistant	educ..... educational	lw..... long wave	progmg..... programming	t..... terrain
atty..... attorney	engr..... engineer	mdse..... merchandising	progrsv..... progressive	tech..... technical
aur..... aural	enrg..... engineering	med..... media	prom..... promotion	traf..... traffic
bcstg..... broadcasting	ERP..... effective radiated power	mfg..... manufacturing	ptrn..... partner	trans..... translators
bd..... board	ETV..... educational television	mngng..... managing	pub affrs..... public affairs	treas..... treasurer
bidg..... building	exec..... executive	mgr..... manager	pub ser..... public service	TWX..... Teletypewriter Exchange
btfl..... beautiful	Fr..... French	mgt..... management	publ..... publicity	U..... unlimited
bus..... business	g..... ground	mhz..... megahertz	quad..... quadraphonic	UPI..... United Press International
CATV community antenna television	Ger..... German	mktg..... marketing	rel..... relations	vert..... vertical
ch..... channel	HAAT..... height above average terrain	MOR..... middle of the road	relg..... religion	vis..... visual
chmn..... chairman		mus..... music	rep..... representative	VP..... vice president
		mw..... medium wave	rgnl..... regional	w..... watts
		N..... night	rsch..... research	wkly..... weekly
		natl..... national	sec..... secretary	
			sep..... separate	

Several directories of the 1980 YEARBOOK employ the standard, two-letter state abbreviations of the U.S. Postal Service.

Alabama..... AL	Georgia..... GA	Maryland..... MD	New Mexico..... NM	South Dakota..... SD
Alaska..... AK	Guam..... GU	Massachusetts..... MA	New York..... NY	Tennessee..... TN
Arizona..... AZ	Hawaii..... HI	Michigan..... MI	North Carolina..... NC	Texas..... TX
Arkansas..... AR	Idaho..... ID	Minnesota..... MN	North Dakota..... ND	Utah..... UT
California..... CA	Illinois..... IL	Mississippi..... MS	Ohio..... OH	Vermont..... VT
Canal Zone..... CZ	Indiana..... IN	Missouri..... MO	Oklahoma..... OK	Virginia..... VA
Colorado..... CO	Iowa..... IA	Montana..... MT	Oregon..... OR	Virgin Islands..... VI
Connecticut..... CT	Kansas..... KS	Nebraska..... NE	Pennsylvania..... PA	Washington..... WA
Delaware..... DE	Kentucky..... KY	Nevada..... NV	Puerto Rico..... PR	West Virginia..... WV
District of Columbia..... DC	Louisiana..... LA	New Hampshire..... NH	Rhode Island..... RI	Wisconsin..... WI
Florida..... FL	Maine..... ME	New Jersey..... NJ	South Carolina..... SC	Wyoming..... WY

Index to Advertisers

Equipment

Aitken Communications Inc. E-50
 Allied Tower Co. Inc. E-2 divider
 American Data. B-1 divider
 American Laser Systems Inc. E-2
 Anixter-Pruzan. E-51
 Automated Broadcast Controls. E-50,
 E-52, E-57
 Belar Electronics Lab. Inc. E-51
 Bethlehem Tower Works. E-39
 Blonder-Tongue Labs Inc. E-4
 Broadcast Electronics Inc. E-36
 Broadcast Supply West. E-51
 Buhl Optical. E-52
 Cablewave Systems Inc. F-1 divider
 Cambridge Products Corp. E-52
 Camera Mart Inc. E-5
 CCA Electronics Corp. B-92,
 B-119, B-122,
 B-132, C-22, C-43, C-54, C-66, C-95
 C-106, C-111, C-125, C-144,
 C-150, C-172, C-259
 CECO Communications Inc. between
 E-48 & E-49
 Cerro Communications Products. E-6
 Cetec Broadcast Group. E-6, E-10, E-14,
 E-20, E-24, E-32
 Cinema Products Corp. E-7
 Colorado Video Inc. E-8
 Comrex Corp. E-9
 Comm/Scope Co. 3rd cover
 Continental Electronics Mfg. Co. E-3,
 E-12, E-34
 Control Technology Inc. E-53
 Delta Electronics. E-11
 Dolby Labs. xi
 Eddie Egan & Associates. E-10
 Electro Impulse Inc. E-53
 Electro-Voice Inc. xii
 Fidelipac. iii
 Fort Worth Tower Co. Inc. G-2 divider
 Frezzolini Electronics Inc. E-54
 Fujinon Optical Inc. E-13
 Harris Corp., Broadcast Products Div.
 E-16
 Hitachi. E-19
 H. M. Holzberg Associates Inc. E-49
 Image Magnification Inc. E-54
 Industrial Sciences Inc. E-15
 International Good Music-NTI. E-17
 International Tapetronics Corp. E-18
 LPB. E-55
 L-W International. E-20
 Marti Electronics Inc. E-21
 McCurdy Radio Industries Inc. E-23
 McKay Dymek Co. E-17
 Mercantile Mfg Co. Inc. E-22
 Microprobe Electronics Inc. E-24
 Micro-Trak Inc. E-56
 Moseley Associates Inc. E-25
 Mountain States Tower. E-63
 National Audio Co. E-62
 Fred A. Nudd Corp. E-59
 Panasonic. E-27
 Potomac Instruments. E-58, E-60
 QEI Corp. E-57
 RCA Equipment. 4th cover
 Ramko Research. E-28, E-29

Ring Associates. E-62
 Rockwell International, Collins
 Commercial Telecommunications Group
 E-1 divider
 Rockwell International, SAFE. E-47
 Shallco Inc. E-57
 Sintron Corp. E-26
 Stanton Magnetics Inc. E-30
 Stainless Inc. E-31
 Studer Revox America Inc. C-1 divider
 Swintek Enterprises Inc. E-56
 Switchcraft Inc. E-33
 Television Technology Corp. E-62
 Thomson-CSF Broadcast. E-35
 3-M Co. Video Products. B-2 divider
 Times Wire & Cable. ix
 Titan Tower Co. E-59
 Trompeter Electronics. E-22
 UMC Electronics Co. E-32
 Unarco-Rohn. E-60
 Utility Tower Co. E-37
 Vacuum Tube Industries Inc. E-63
 Varian, Eimac Div. E-36
 Vital Industries Inc. vii
 Ward-Beck Systems Ltd. v
 Wiltronix Inc. E-61
 World Tower Co. E-41

General

Atlantic Research Corp. F-15
 Becker Communications Associates F-10
 Beckerman Associates. F-1, C-42, C-52
 Berns Bureau. vi
 Blackburn & Co. Inc. second cover
 Broadcast Consultants Corp. C-88, C-104
 C-165, C-174, C-202, C-209,
 C-235, C-248
 Business Broker Associates. F-1
 Cambridge Crystals Precision
 Frequency Measuring Service. F-15
 Carolina Media Brokers. F-1
 William B. Carr & Associates. F-15
 Chapman Associates. F-2
 Jules Cohen & Associates. F-15
 Cohen & Dippell Consulting Engineers.
 F-15
 Lauren A. Colby. C-10, C-18,
 C-44, C-103, C-112,
 C-145, C-151, F-21
 Commercial Radio Monitoring Co. F-15
 COMSAT (Communications Satellite
 Corp.) D-2 divider
 Consolidated Communications
 Consultants F-7
 R. C. Crisler & Co., Inc. F-5
 Dataworld Inc. F-15
 William A. Exline Inc. B-93,
 C-11, C-21, C-33, C-60, C-62,
 C-137, C-141, C-147, C-186,
 C-232, C-243, C-258, F-2, F-7
 Firstmark Financial Corp. ii, F-12
 Norman Fischer & Associates Inc.
 C-12, C-14, C-96,
 C-148, C-182, C-217
 Milton Q. Ford & Associates. F-2
 Frazier, Gross & Clay Inc. F-2
 Cliff Gill. C-23, C-29, F-3

W. John Grandy. F-2
 Frederick G. Griffin Inc. F-15
 Ted Hepburn Co. F-2
 Dan Hayslett & Associates Inc. F-3
 Joseph M. Higgins. iv
 Hirsch Communications Services. iv
 Hogan-Feldman Inc. viii B-87, B-91,
 B-118, C-2, C-17, C-64, C-149, F-3
 Holt Corp. F-6
 Keith W. Horton Co. Inc. F-4
 Hudson Investment Corp. F-4
 Paul Kagan Associates Inc. F-3
 Larson/Walker & Co. F-4
 Lohnes & Culver. F-15
 Reggie Martin. C-46, D-5
 Minority Broadcast Investment Corp. F-10
 George Moore & Associates. F-2, F-4,
 F-5, F-6
 E. Harold Munn Jr. & Associates. F-15
 O. D. Page Engineers & Consultants F-15
 Roy F. Perkins Jr. F-15
 Potts Engineering. iv
 Pringle-Haney Media Brokerage. B-94,
 C-24, F-5
 Ward L. Quaal Co. F-7
 Radio Engineering Co. F-15
 Cecil L. Richards Inc. F-3
 A. D. Ring & Associates. F-15
 Rosner Television Systems Inc. F-15
 Richard A. Shaheen Inc. F-4
 Sherman & Brown Associates. F-3
 Silliman, Moffet & Kowalski. iv
 Carl E. Smith. F-15
 Steel, Andrus & Associates. iv
 Syndicated Communications Inc.
 (SYNCOM) F-9
 T. A. Associates. F-11
 Tait Appraisal Co. iv, F-7
 Edwin Tornberg & Co. Inc. F-5
 Matthew J. Vlassides & Associates. F-15

Networks/Groups

Mutual Broadcasting System C-2 divider
 Storer Broadcasting Co. front cover

Program Services

Bonneville Broadcast Consultants. D-54
 BMI D-1 divider
 CnB Studios. D-55
 EUE Video Services. D-57
 Modern Talking Picture Service Inc. D-63
 RAI Corp. (Italian Radio TV System). vi
 Signal Productions Inc. D-66

Stations

KQIN Seattle. C-245, C-246, C-247
 KTPK Topeka. C-87
 KWTV Oklahoma. B-51
 WCVB-TV Boston. B-10
 WDBO-TV Orlando. B-53
 WESH-TV Orlando. B-53
 WFTV(TV) Orlando. B-53
 WHPA(FM) Hollidaysburg. C-198
 WKMC(AM) Roaring Spring. C-198
 WREG-TV Memphis. B-45