

**A GUIDE TO THE PAPERS OF
SUSAN FRATKIN**

National Public Broadcasting Archives
University of Maryland at College Park Libraries

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Revised by: Karen E. King, June 1994
8.5 lin. ft.

BIOGRAPHY

Susan Fratkin described herself as "the point person" representing the concerns of higher education to the public broadcasting community during her tenure as Director of Special Programs for the National Association of State Universities and Land Grant Colleges (NASULGC) from the late 1970s to 1992. Fratkin's vehicle within the NASULGC for furthering her interests was the Educational Television Committee. As part of her work, Fratkin also served as an active member of the interassociation Joint Council on Educational Telecommunications (JCET). Fratkin served as JCET president from 1984 to 1992. In 1992, she stepped down from her work at the NASULGC and JCET to form a private consulting firm.

SCOPE AND CONTENT

The Papers of Susan Fratkin cover the years 1975 to 1986 with the bulk of the materials dating from 1981 to 1985. The papers include correspondence, minutes and agendas of meetings, notes, reports, and clippings. The collection documents issues of concern to Fratkin as she sought to link the worlds of higher education to that of telecommunications technology.

The collection consists of four series:

Series 1: Committee Work

A. Educational Telecommunications Committee (ETV)

B. Joint Council on Educational Telecommunications (JCET)

Series 2: Conferences, Workshops and Other Organizations

A. Conferences and Workshops

B. Work with Other Organizations

Series 3: Subject Files

A. Adult Learning

B. Restructuring AT&T

C. Cable

D. Corporation for Public Broadcasting

E. Fairness Doctrine

F. Federal Communications Commission (FCC)

G. Instructional Television Fixed Service (ITFS)

H. Legislation

I. Other Organizations

J. Public Broadcasting Service (PBS)

K. Satellite Technology

L. Teleconferences

M. Telecourses

N. Teleports

O. Miscellaneous Subject Files

Series 4: Miscellaneous Notes

PROVENANCE

The Papers of Susan Fratkin were donated to the University of Maryland at College Park Libraries by Susan Fratkin in March of 1990.

SERIES DESCRIPTIONS

Series 1: Committee Work, 1977-1986 (2.0 lin. ft.)

This series details Fratkin committee work as the National Association of State Universities and Land Grant Colleges (NASULGC) director of special programs, in particular her work with the NASULGC's Educational Telecommunications Committee and her work with the Joint Council on Educational Telecommunications.

A. Educational Telecommunications Committee (ETV)

This subseries documents Susan Fratkin's work as a member and driving force behind NASULGC's Educational Telecommunication's Committee, from 1977 to 1987. Issues dealt with by the Committee include establishing teleconferencing networks, lobbying the Federal Communications Commission (FCC), and cooperation with the Corporation for Public Broadcasting and Public Broadcasting Service (PBS). The Committee was made up of circa 25 representatives from NASULGC member institutions. The materials are divided broadly between correspondence and meetings, although there is some overlap. Thereafter materials appear chronologically.

B. Joint Council on Educational Telecommunications (JCET)

This subseries documents Fratkin's work, from 1978 to 1986, as a member and, from 1984, president of the JCET. Founded in 1950 as the Joint Committee on Educational Television, and later the Joint Council on Educational Television, this organization had the original aim of persuading the Federal Communications Commission to reserve broadcast channels for non-commercial television. Now, with the new name Joint Council on Educational Telecommunications, the organization serves as "a consortium of national and regional non-profit organizations and associations in education, public broadcasting, telecommunications, and library and information sciences." Issues considered by the JCET include Instructional Television Fixed Service, AT&T rates and tariffs, deregulation, and JCET administrative matters. Materials are arranged chronologically and include correspondence, memoranda, minutes of meetings, agendas, clippings, and Fratkin's notes.

Series 2: Conferences, Workshops and Other Organizations, 1980-1985 (1.0 lin. ft.)

This series details Fratkin's participation in several conferences and workshops relating to telecommunications and her work with other organizations of interest to her goal of uniting the worlds of higher education and telecommunications. Materials are divided between those pertaining to Conferences and Workshops and those regarding other organizations.

A. Conferences and Workshops

Subseries chronicles Fratkin's participation in several conferences and workshops all pertaining to telecommunications issues, from 1980 to 1985. Included are programs sponsored by the Joint Committee on Television, the Telecommunications Research and Action Center, and the Council on Learning. Materials include correspondence, agendas, programs, drafts of speeches and reports.

B. Work with Other Organizations

This subseries documents organizations with which Fratkin had at least some measure of direct involvement, from 1981 to 1986, as part of her efforts to bridge the world of higher education with that of technology and telecommunications. Educational organizations with which Fratkin worked included the Southern Educational Communications Association, the Higher Education Interassociation Committee on Television, and the Association of American Colleges and Universities. Also included are organizations more concerned with technology such as the Public Service Satellite Consortium, and the National University Teleconferencing Network. Materials are arranged chronologically by organization and include correspondence, memoranda, reports, newsletters, and Fratkin's notes.

Series 3: Subject Files, 1975-1986 (6.5 lin. ft.)

Fratkin's subject files include material on a wide variety of topics relating to her concerns with telecommunication issues as the NASULGC's director of special programs. The material was probably gathered as part of her work with the NASULGC's Educational Telecommunications Committee and the JCET. Subjects are arranged alphabetically with files appearing chronologically within each subject file. A final subseries includes a group of single, miscellaneous subject files.

A. Adult Learning

Materials gathered relating to various programs and projects for adult education and telecommunications, from 1978 to 1984. Of particular concern was the CPB Station-College Executive Project in Adult Learning (SCEPAR) as well as other programs for adult education, sponsored by the American Open University and the Bay Area Community College Consortium. Materials includes correspondence, reports, and pamphlets.

B. Restructuring AT&T

Materials gathered concerning the breakup of the AT&T phone monopoly, from 1981 to 1985, in particular in regards to its effect on higher education, with many colleges and universities establishing their own phone systems. Included are memoranda, newsletters, clippings, testimony, and pamphlets.

C. Cable

This subseries contains materials relating to the rapid expansion of cable television, from 1979 to 1985. Of particular concern for Fratkin were several pieces of legislation regarding regulation of cable and the possibility of universities and colleges entering joint ventures with cable companies. Included are correspondence, clippings, pamphlets, newsletters, and reports.

D. Corporation for Public Broadcasting

This subseries is made up of reports and materials relating to the Corporation for Public Broadcasting (CPB), from 1975 to 1986. Reports by and about the CPB are included, as well as material regarding the Annenberg School funded CPB project to explore advancing higher education through telecommunications. Included are reports, memoranda, clippings, newsletters, and notes.

E. Fairness Doctrine

This subseries documents Fratkin's opposition, from 1983 to 1984, to the possible repeal of the "fairness doctrine," which required broadcasters after covering a story "to afford a reasonable opportunity for the presentation of contrasting views." In this endeavor, Fratkin worked with a group called the Friends of the Fairness Doctrine. Material includes correspondence, statements, press releases, newsletters, and notes.

F. Federal Communications Commission (FCC)

This subseries contains material relating to particular cases before the FCC of concern to Fratkin from 1978 to 1988. Included are materials on television and radio deregulation, licensing, low power television broadcasting, and multiple ownership rules. Materials include correspondence, memoranda, legislation, FCC case briefs, clippings, and notes.

G. Instructional Television Fixed Service (ITFS)

Subseries contains material relating to the threatened relocation of ITFS channels from 1978 to 1985. The ITFS was established in 1963 to reserve several broadcast channels to allow for the transmission of education or instructional video programming to various specially

equipped locations. Of special concern for Fratkin were several cases before the FCC, including 80-112, 80-113, 80-116, and 80-523, all involving reallocation of ITFS stations. The series is divided between correspondence and general material relating to ITFS, and material relating directly to FCC cases. Included are correspondence, memoranda, case briefs, newsletters, clippings, and notes.

H. Legislation

Subseries relates to federal legislation, from 1977 to 1983, of concern to Fratkin. Legislative topics include broadcasting to Cuba, alternatives to the CPB, home recording rights, and various annual Communications Acts. Materials includes correspondence, memoranda, statements, clippings, and newsletters.

I. Other Organizations

Subseries contains material gathered by Fratkin, 1979-1983, about various organizations with which she had no direct involvement (see series one for material on organizations with which Fratkin worked directly). Organizations include the American Association of Community and Junior Colleges, the Education Commission of the States, the National University Continuing Education Association and others. Materials includes reports, correspondence, newsletters, and pamphlets.

J. Public Broadcasting Service (PBS)

Subseries contains material collected relating to PBS, from 1979 to 1984. Included are reports about PBS as well as reports generated by PBS itself, in particular in regards to its future operations. Other materials include correspondence, memoranda, clippings, and notes.

K. Satellite Technology

Subseries contains material gathered regarding satellite technology, from 1980 to 1984, in particular the potential for satellite broadcasting and teleconferencing. Included are clippings pamphlets, reports, and promotional materials.

L. Teleconferences

Subseries contains materials regarding teleconferencing gathered by Fratkin as part of her interest in establishing a teleconferencing network among institutions of higher learning, from 1981 to 1984. Included are correspondence, memoranda, reports, clippings, promotional materials and notes.

M. Telecourses

Subseries contains materials gathered regarding telecourse programs, dated 1983. Includes material on the Veterans Administration pertaining to veteran educational benefits, and on telecourse programs run by the University of California at San Diego and the Coast Community Colleges. Included are correspondence, pamphlets, reports, and promotional materials.

N. Teleports

Subseries contains material, dated 1983, regarding teleports, a project sponsored by Port Authority of NY and NJ, Merrill Lynch & Co. and Western Union, Co. to establish a \$200 million satellite communications center on Staten Island. Types of documents include correspondence and clippings

O. Miscellaneous Subject Files

Subseries consists of single subject files covering a variety of issues relating to telecommunications, from 1978 to 1986. Topics includes Black Radio Stations, Editorial Integrity in Public Broadcasting, the New York State Appalachian Telecommunications Systems, and contact with the HEW Office of Civil Rights. Materials include correspondence, newsletters, memoranda, clippings, reports and surveys.

Series 4: Miscellaneous Notes, 1978-1983 (0.25 lin. ft.)

Series consists of one folder of Fratkin notes, covering years 1978 to 1983, on a wide variety of topics relating to telecommunications, including ITFS and AT&T.

BOX INVENTORY

SERIES 1: COMMITTEE WORK

A. EDUCATIONAL TELECOMMUNICATIONS COMMITTEE (ETV)

Box	Folder	
1	1	Educational Telecommunications Committee (ETV) Correspondence, 1977-1978 ETV Correspondence
	2	1979-1980
	3	Joint Project-- AASU, 1979-1980
	4	Educational Television, 1980-1983
	5	1981-1982
	6	1982
	7	1982-1983
	8-9	1983-1984 (2f)

Box	Folder	
2	1	ETV/Technology Committee Correspondence, 1985 ETV Correspondence
	2	1985
	3	Teleconference, 1985
	4	"Must Carry" Memo, 1986
	5	1986
	6	ETV Commercials and PBS, 1986 ETV Mailing
	7	Sept. 2, 1983
	8	July 11, 1985
	9	August 6, 1985
	10	Sept. 20, 1985
	11-12	ETV/Educational Technology Committee Mailing November - December 1985 (2f)
	13	ETV Meetings, 1982-1983
	14	ETV and Educational Technology Committee, Meetings, 1983
	15	ETV Teleconference, May 23, 1983
	16	ETV Minutes- Audio Teleconference, 1983
	17	ETV Meetings, 1980-1981
	18	ETV Annual Meetings, 1981
	19	ETV Audio Teleconference, 1982
	3	1-2
3		1985
4		Nov. 10, 1985
5		ETV Meetings with Kevin Crain, Ken Tolo, President Knapp, Boston, 1986
6		ETV Annual Meetings, 1986
7		ETV Annual Meeting, 1987

B. JOINT COUNCIL ON EDUCATIONAL TELECOMMUNICATIONS (JCET)

4	8	JCET Correspondence, 1983
	9	JCET Correspondence, 1985
	10	JCET Correspondence, 1986
	11	JCET Correspondence, 1978-1980
	12	JCET Correspondence and Memoranda, 1980-1981
	13	JCET Correspondence, 1982
	1	JCET Correspondence, 1982-1983
	2	JCET Correspondence, 1983

Box	Folder	
4	3	JCET Correspondence, 1983-1984
	4	JCET Meeting, June 27, 1983
	5	JCET Meetings, 1984
	6	JCET Meetings, June 1984
	7	JCET Meetings, Sept. 10, 1984
	8-9	JCET Meeting, February 4, 1985 (2f)
	10-11	JCET Meetings, May 6, 1985 (2f)
	12	JCET Meetings, September 30, 1985
	13	JCET Meetings, February 1986
	14	JCET Meetings, February 3, 1986
	15	JCET Meetings, June-July 1986
	16	JCET Accountant's Report, 1986
	17	Mailing List, 1985

SERIES 2 CONFERENCES, WORKSHOPS AND OTHER ORGANIZATIONS

5	1	National Conference on Communications Technology in Education and Training, 1980
	2	Change Magazine Conference, George Bonham, 1980
	3	National Conference on Communications Technology in Education and Training, 1981
	4	Telecommunications Research and Action Center (TRAC), Deregulation and Quantification, 1983
	5	Telecommunications Research and Actions Center, Public Access Radio, 1983
	6	Telecommunications Research and Action Center, Meetings and <u>Access</u> , 1983
	7	<u>ACCESS</u> , publication by TRAC, 1983
	8	ACAFAD, "Technology" Conference, October 6-8, 1983
	9	Joint Committee on Telecommunications, March 20, 1984
	10	Annual Telecommunications Policy Research Conference, 1984
	11	Carnegie Telecommunications Report, 1985
	12	CIT-DIT Networking Workshop, Oct. 15-16, 1985
	13	Public Radio Conferences, nd
	14	Educational Telecommunications Task Force, 1981
	15	Higher Education Interassociation Committee on TV, 1981
	16-17	Interassociation Committee on Telecommunications, 1981 (2f)
	18	National University Teleconferencing Network, 1984
	19	SECA Report on Technology, 1984
	20	Public Satellite Consortium, 1985
	21	National Governor's Association Task Force-Electronic Communications, 1985
	22	American Association for Higher Education, nd
	23	Association of College and University Telecommunications Administrators, nd
	24	Kirkwood Community College Paper, nd

SERIES 3: SUBJECT FILES

A. ADULT LEARNING

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5	25	Other Studies in Adult Learning and Television, 1978-1979
	26	Adult Learning (Not CPB Project), 1979-1981
6	1	CPB Adult Learner Project, 1979
	2	Adult Learning Service, 1979-1980
	3	PBS Adult Learning Service, 1981
	4	Adult Learning, 1983-1984

B. AT&T RESTRUCTURING

	5	Restructuring AT&T: Legislation, 1981-1982
	6	Restructuring AT&T: Courts and FCC, 1981
	7	Telephone Issues, 1983
	8	Telephone, 1983-1984
	9	H.R. 4102, Universal Phone Service, 1983
7	1	Telephone, 1985
	2-3	AT&T Tariff Filing, January 1985
	4	Telephone, WATS, 1986

C. CABLE

	5	Cable Television, General Information, 1979-1983
	6	Cable- Reference Sources, 1980-1982
	7	Cable Television & Higher Education, 1981-1982
	8	Cable- Employment, 1981
	9	Cable-Legislative- S2172, 1982
	10	<u>Cable Business</u> Magazine, May 1982
	11	Cable Legislation- HR 4103, Draft Final Copy, 1982
	12	Cable "Cable Reports," CTIC newsletter, 1982
	13-14	Cable Access Bill, S-66, 1983 (2f)
	15	Cable - University Projects, 1983
	16-17	Cable Legislation, HR 4103, 1983 (2f)
	18	Cable Issues, 1983
8	1	Cable - International, 1983
	2	Cable Rates, 1983-1984
	3	Cable - Miscellaneous General Information, 1983-1984

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8	4	Cable Legislation - S.66, 1983-1984
	5	Cable Correspondence, 1984
	6	Cable Channel, Wayne State, 1984
	7	Cable - Pennarama- PA Learning Network, nd
	8	Cable Articles, 1984
	9	Cable Television Developments, 1985
	10	Cable Convention News, 1985
	11	Cable, 1985

D. CORPORATION FOR PUBLIC BROADCASTING

	12	Corporation for Public Broadcasting (CPB) - Education Division, 1975-1980
	13	CPB Study Reports - Miscellaneous, 1977
	14	CPB Study of Public Stations Educational Services, 1978-1979
	15	CPB- A Study of Public Radio Stations' Educational Services, 1978-1979
	16	CPB- Accounting and Financial Reporting, 1980
	17	CPB- Carnegie Report on the Future of Public Broadcasting, 1979
	18	CPB- <u>Report</u> , 1981-1982
	19	CPB/Annenberg Project, 1981
9	1	CPB/Annenberg Project, 1983
	2	CPB/Annenberg Project, 1981-1983
	3	CPB/Annenberg Project, 1984
	4	CPB HEUS Study Overview, 1986

E. FAIRNESS DOCTRINE

	5	Fairness Doctrine, 1982-1984
	6	Fairness Doctrine, 1983
	7	FCC-Docket #83-484, NASULGC response, 1983
	8	Fairness Doctrine, 1983-1985
	9	Fairness Doctrine, 1985
	10	Fairness Doctrine, "Equal Time Provisions," nd

F. FEDERAL COMMUNICATIONS COMMISSION

	11	Federal Communications Commission (FCC), Misc. Actions and Proposals, 1978-1983
	12	FCC- Radio Deregulation, 1979-1982
	13	Articles on Television Deregulation, 1981-1984
	14	FCC- Policy on Airing of Public Services Licensees, 1979

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9	15	FCC Eligibility Rules for Non-Commercial Educational FM and TV Broadcast Stations Licensees, 1978
	16	FCC Multiple Ownership Rules for Educational FM & TV Stations, 1979
10	1	FCC Policy Concerning the Non-Commercial Nature of Educational Broadcast Stations, 1978-1979
	2	FCC Inquiry Into the Future Role of Low Power TV Broadcasting, 1981-1982
	3	FCC Rules Concerning Subscription TV Authorization for Commercial Education TV Station Licensees, 1982
	4	FCC- CPE & Inside Wiring, 1983
	5	FCC: Syndication and Financial Interest, 1983-1984
	6	FCC Broadcast Deregulation: Legislation, 1983-1984
	7	FCC Regional Concentration Rule, 1984
	8	FCC and Forest Service Correspondence, 1988
	9	Television Broadcast Signals Cable Television Systems, MM Docket # 35-349, nd

G. INSTRUCTIONAL TELEVISION FIXED SERVICE (ITFS)

10		Instructional Television Fixed Service (ITFS)- PBS Narrowcast Proposal, 1978-1983
11		ITFS Articles, 1981-1983
12		ITFS CBS Applications to FCC, 1982-1983
13		ITFS- Standards, 1983
14		ITFS- Defense Department, 1983
15		ITFS- Sample Survey re. ITFS stations and National Security, 1983
16		ITFS Workshop Participants List, 1985
17		ITFS Information packet materials, 1982-1984
18		ITFS Articles, 1984
11	1	ITFS- As a Non-Broadcast Service, 1986
	2	ITFS- University Associations/FCC, Correspondence, 1984
	3	ITFS Correspondence, 1985
	4	ITFS Channels- University of Maryland, President Toll's response, 1986
	5	ITFS- General Docket #80-112, petition for further rule making, 1981-1984
	6	ITFS- Direct Broadcast Service, 1982-1983
	7	ITFS Letters: Universities to Commissioners et. al., 1982-1983
	8	ITFS- Representative Markey Correspondence, 1982
	9	ITFS Multipoint distribution Service, 1982-1983
	10	ITFS Inhouse Memos, 1982-1983
	11	ITFS Letters- Universities to NASULGC, 1981-1983

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12	1	ITFS- Crowell and Moring Correspondence, 1983
	2	ITFS Representative Markey Correspondence, 1983
	3	ITFS Crowell and Moring Correspondence, 1983-1984
	4	ITFS- Crowell and Moring/ FCC Correspondence, 1984
	5	ITFS Correspondence, NASULGC to Universities, 1983
	6	ITFS Correspondence, NASULGC to Universities, 1984
	7	ITFS- Docket #80-112 on reallocation of educational channels, 1983
	8	ITFS information on institutions leasing- excess time to MMDS stations, 1984
	9	ITFS FCC comments, Dockets #80-112, 1984
	10	ITFS Licenses: Licensees and Applicants (Colleges and Universities), 1984
	11	ITFS-Applications to the FCC- revised rules, 1983
	12-14 FCC cases re. ITFS Docket #80-112, #80-113, #80-116, 1982-1983, (3f)	
13	1-4	FCC cases re. ITFS Docket #80-112, #80-113, 1982-1983 (4f)
	5	ITFS Robert Clodius Correspondence to CEOs, 1983-1984
	6	ITFS NASULGC to FCC Correspondence, 1984
	7	ITFS- 4 Channel Limit, 1985
14	1	ITFS MM Docket #83-523, Amendment of part 74, 1985
	2	ITFS/Reconsideration Issue, 1985-1986
	3	ITFS Response to Petitions for Reconsideration, #83-523
	4	ITFS Second Report and Order, MM Docket #83-523, 1983
	5	FCC: ITFS MM Docket # 83-523, 1986

H. LEGISLATION

6		Miscellaneous Legislation, 1977-1979
		Communications Act of 1979
		Communications Act of 1980
		Miscellaneous Legislation, 1980
		Legislative Proposal for Alternative to CPB, 1981
		Tape Royalties "Betamax" Legislation, 1982
15	1	Legislation: Children and Television, 1983

I. OTHER ORGANIZATIONS

2		Telecommunications, 1979
3		Joint Projects- AACJC, 1979-1980
4		Educational Commission of the States- Lifelong Learning Project, 1980
5		National University Continuing Education Association, Telecommunications Utilization, 1982

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15	6	American Council on Education, 1982
	7	PBS/WETA Learning by Viewing Advisory Committee, 1982

J. PUBLIC BROADCASTING SERVICE (PBS)

8	Green Education Program Service, PBS, 1979
9	PBS Membership Material, 1979
10	PBS College Licensees Information, 1979-1981
11	General Material on PBS, 1980-1982
12	PBS- Narrowcast Service, 1984

K. SATELLITE TECHNOLOGY

13	Satellite Communications-General Information, 1980
14	Public Service Satellite Consortium newsletter, 1983
16	1 Satellite Networks, 1985
	2 Satellite Technology, 1985

L. TELECONFERENCES

3	Teleconferencing and Networks, General Information, 1981
4	Teleconferencing: Mailings to Presidents of Member Institutions, 1982
5	Teleconferencing Network Proposals, 1982
6	Teleconference National University Network, 1982-1983
7	Teleconferencing- Audio Technology and Proposals, 1984

M. TELECOURSES

8	Telecourses- Veterans Administration, 1983
9	Telecourses- General information, 1983
10	Telecourses- UCSD Extennet

N. TELEPORTS

11	Teleports- Port Authority, 1983
12	Teleport Articles, 1983

O. OTHER SUBJECT FILES

16	13 Freedom of Information Act, 1978
	14 Educational Television, 1978

- 15 Educational Television and Radio: Court Cases, 1978
- 16 New York Appalachian Telecommunications Systems, by Kenneth Wasmund, 1978
- 17 Telecommunications Primer for College Presidents, 1978
- 18 HEW/ Department of Education, Office of Civil Rights, 1978-1980

- 17 1 National Telecommunications and Information Administration/ Department of Commerce, 1979
- 2 Community Service Network, 1979
- 3 Educational Telecommunications, 1979
- 4 General Information on National Public Radio, 1979-1980
- 5 Campus Conference Network, 1982-1983
- 6 Communications- Articles, 1983
- 7 Association of Hospital Television Networks, 1983
- 8 Office of Management and Budget, 1983
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- 17 9 Telecommunications Articles, 1983-1984
- 10 Educational Television Articles, 1983-1984
- 11 Technology Articles, 1983-1984
- 12 Communications/ Technology, 1984
- 13 "Thinking About Industrial and Business Education and Training Via Telecommunications," by Elwood Ehrle, Steve Eskow, 1984
- 14 "A Case for Public Television: Plans and Prospects through the 1980s," Representatives of Public Television Stations, 1984
- 15 Information Technologies: Survey of Instructional Uses in Higher Education, 1984
- 16 Project ALLTEL, 1984
- 17 Radio/Television Broadcasting, 1984
- 18 US General Accounting: Report re. Telephones, 1983
- 19 Editorial Integrity in Public Broadcasting, 1985-1986
- 20 Minnesota Higher Education Coordinating Board, 1986
- 21 UHF-VHF Swaps, 1986
- 22 COPA-SHEEO project Long Distance Learning by Telecommunications, nd
- 23 Black Radio Stations, nd
- 24 Green Sheet re. Telecommunications, nd

SERIES IV. NOTES

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