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APTS
LOCAL SERVICE NATIONAL VOICE

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

December 21, 2001

Ms. Magalie Roman Salas
Secretary, Federal Communications
Commission
236 Massachusetts Avenue, NE
Suite 110
Washington, DC 20002

Re: Ex Parte Meeting
MM Docket 00-39; CS Docket 98-120

Dear Ms. Salas:

The Association of Public Television Stations ("APTS") hereby notifies the Commission of an *ex parte* meeting to discuss matters in the above captioned dockets. APTS discussed the progress public television stations have made in transitioning to digital as well as public television's commitment to provide noncommercial educational and public broadband services to all Americans over its digital broadcast infrastructure. APTS also discussed the importance of public television digital signals being carried on cable and the status of carriage negotiations. In addition, APTS urged the FCC to reconsider its decision that cable companies need only carry a single "primary video" digital program stream. Lastly, APTS urged that FCC to consider the importance of translators during the transition to digital broadcasting.

The meeting occurred on December 19, 2001, and was attended by John M. Lawson, President and CEO of APTS, and Marilyn Mohrman-Gillis. We met with Chairman Michael K. Powell. Attached are materials we provided in the meeting.

Sincerely,



Marilyn Mohrman-Gillis
Senior Vice President, Policy and Legal Affairs

Attachments

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List ABCDE

The Association of
Public Television Stations

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Washington, DC 20001

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LOCAL SERVICE NATIONAL VOICE

Converting Public Broadcasting Stations to Digital

Basic DTV Conversion Facts

Total Number of Public Television Stations:	356
Total Number Broadcasting in Digital (December 2001):	48
Percentage of Stations Converted:	13%
Estimated Number Converted by End of 2002	172
Percentage of Stations Converted by End of 2002:	48%
Estimated Number Converted by May 2003	292
Percentage of Stations Converted by May 2003:	82%

Total Spending to Convert Public Broadcasting to Digital **\$1,739,350,007**

Tower Manufacturing/Construction/Design	\$92,510,200
Transmission/Infrastructure	\$512,340,200
Production Equipment and Infrastructure	\$1,018,547,700
Conversion for Digital Radio	\$115,951,907

Public Television Digital Funding Picture

Total Raised to Date **\$762,155,084**

Source

State Funding:	\$473,152,000
Individuals:	\$146,745,263
Foundations:	\$43,262,000
Corporations:	\$9,040,000
Other Sources:	\$13,797,338

Sub Total (Non-Federal) **\$685,996,601**

CPB Digital	\$20,000,000
PTFP (Specifically for Digital Conversion):	\$56,158,483

Sub Total (Federal) **\$76,158,483**

Total Outstanding Requests (FY2002) **\$68,500,000**

Digital Conversion Funding	\$25,000,000
PTFP*	\$43,500,000

* While not all PTFP money is dedicated to digital conversion, a substantial portion is allocated to assist in the conversion.

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Public Television's 48 Digital Stations

Digital in 2001

WUNL - Winston-Salem, NC
WUNE - Linville, NC
WQLN - Erie, PA
KPBS - San Diego, CA
KNME - Albuquerque, NM
WKLE - Lexington, KY
WKON - Owenton, KY
WUND - Columbia, NC
WTVP - Peoria, IL
KAID - Boise, ID
WVPT - Harrisonburg, VA
KUED - Salt Lake City, UT
KDIN - Des Moines, Iowa
WUNG - Charlotte, NC
WNET - New York, NY
WSRE - Pensacola, FL
WPBT - Miami, FL
KUHT - Houston, TX
KAET - Phoenix, AZ
WVIA - Pittson, PA
KERA - Dallas, TX
WNYE - Brooklyn, NY

Digital in 2000

WGBY - Springfield, MA
WRLK - Columbia, SC
KCET - Hollywood, CA
WMPT - Annapolis, MD
KQED - San Francisco, CA
WHYY - Philadelphia, PA
WLPB - Baton Rouge, LA
WLVT - Allentown, PA
WENH - Durham, NH
KNPB - Reno, NV
WTVS - Detroit, MI
KBYU - Salt Lake City, UT
KOAC - Corvallis, OR

Digital in 1999

KRMA - Denver, CO
WKPC - Louisville, KY
WCBB - Augusta, ME
KTCA - St. Paul/Minneapolis, MN
WNJT - Trenton, NJ

Digital in 1998

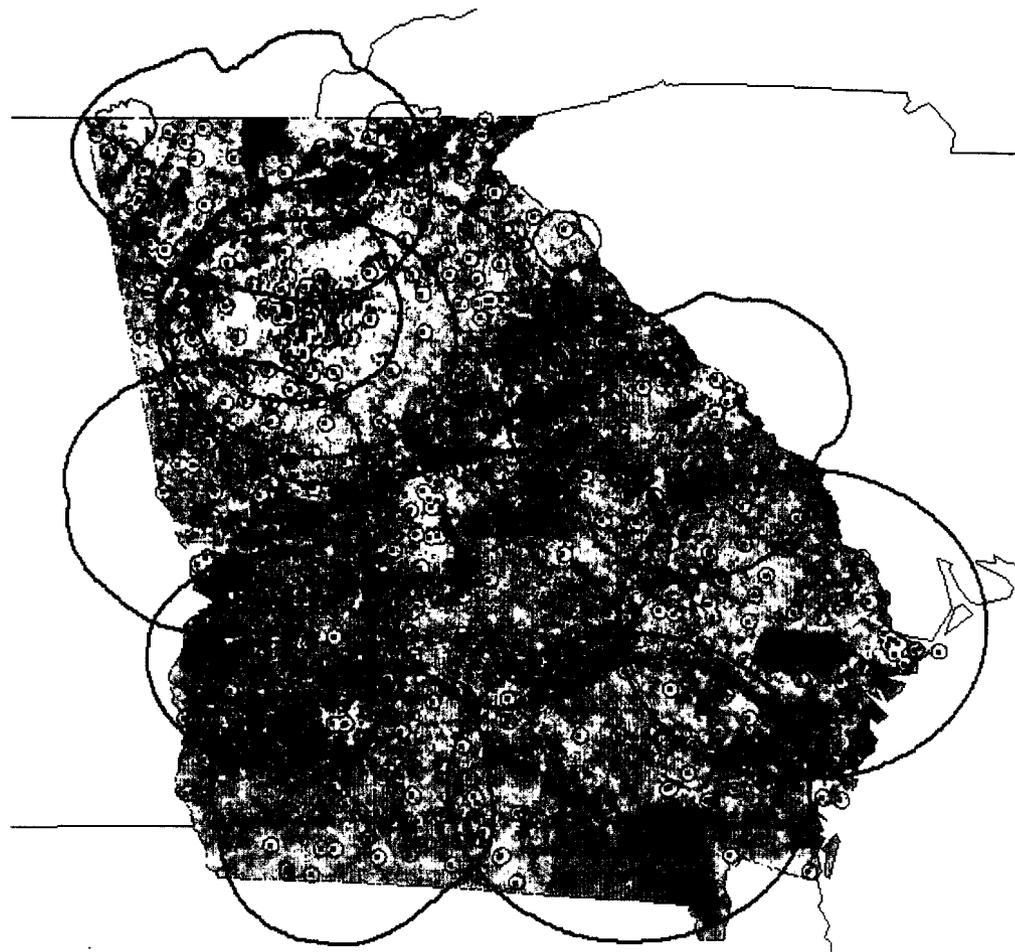
KCTS - Seattle, WA
KOPB - Portland, OR
WETA - Washington, DC
KCPT - Kansas City, MO
WMPN - Jackson, MS
WITF - Harrisburg, PA
WMVS - Milwaukee, WI

Public Television in Georgia

PTV vs DSL

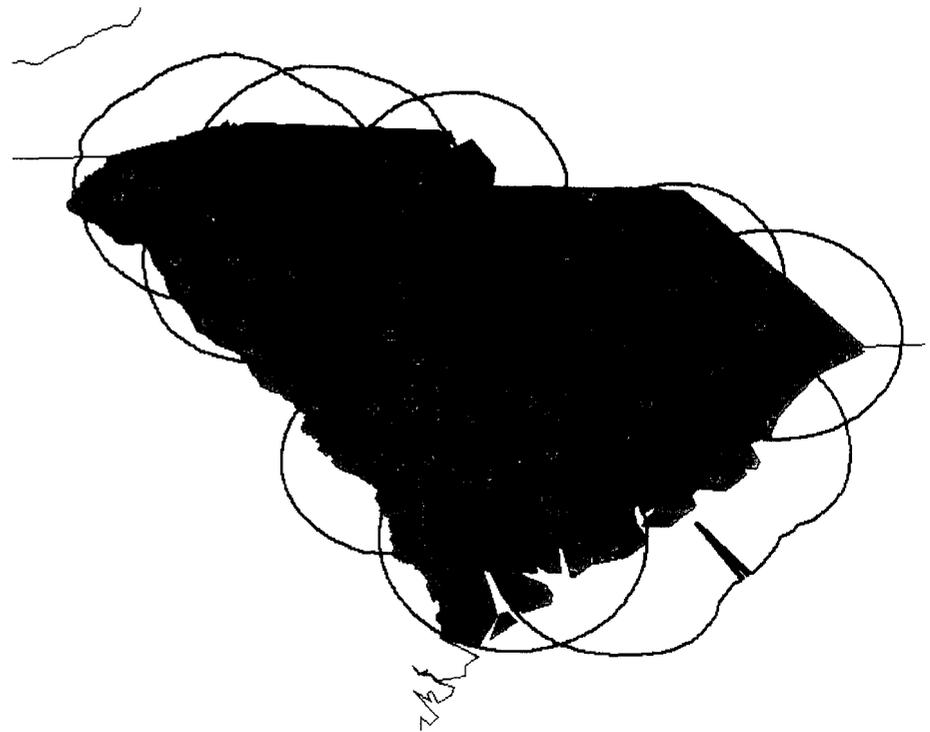
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- Potential DSL reach
(3 miles from
Telephone Central Office)
- PTV Coverage Contour
- Population Density



South Carolina ETV- Serving Rural Areas

- Only 8% of internet users in rural areas have access to broadband service.
- 65 million Americans live in rural areas.
- Less than 1% of towns with populations below 1,000 have cable modem access available, none have DSL.
- Cable providers will not upgrade areas with fewer than 10 homes per square mile.



- PTV Coverage Areas
- Towns with fewer than 1,000 residents

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December 7, 2001

Ms. Marsha MacBride
Chief of Staff
Director of Homeland Security Policy Council
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Dear Ms. MacBride:

The Association of Public Television Stations applauds the creation of the Federal Communications Commission's Homeland Security Policy Council in this important time of national security for our nation. Public television stations stand ready to assist the council in achieving its goals of assessing and making ready our national infrastructure to ensure preparedness of our telecommunications systems for national needs.

Throughout our national emergency, public television stations presented insightful and in-depth coverage of the news, issues and policies that allow for a well-informed and deliberative democracy. Reaching out to help heal the wounds in our communities, public television stations nationwide convened town meetings and other local gatherings that provided forums for discussion, comfort and awareness. We welcome the opportunity to discuss with the council ways in which public television's telecommunications infrastructure may serve the national security and public safety needs of our country.

In particular, I would like to call to your attention an exciting new way in which public television stations may enhance public safety. Kentucky Educational Television (KET) has just developed a new and valuable application of digital broadcast technology that can provide timely, up-to-date and vital public safety information to communities in its state. On November 15, 2001, KET in partnership with the local branch of the National Oceanic and Atmospheric Administration (NOAA) debuted a new service to representatives from the state police, emergency management agency and weather service. By using software already available, KET can immediately send emergency storm alerts, weather information, criminal profiles, and other time sensitive materials instantaneously to be displayed on computers around the state. This system, made possible by KET's digital broadcast signal, decreases alert time and information lags from minutes to seconds. Generous funding from the Kentucky state legislature enables KET to complete its digital conversion of 16 transmitters by May of 2003, thereby ensuring this service is available to virtually all residents of the state.

**The Association of
Public Television Stations**

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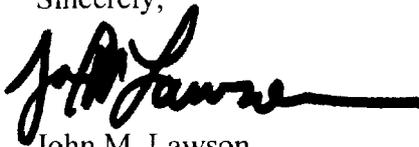
Ms. Marsha MacBride
December 7, 2001
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APTS is working with KET to set up a demonstration of its system in Washington, D.C. early in the new year. We are looking forward to inviting you and the other members of the FCC's Homeland Security Policy Council to attend the demonstration. We also will be inviting members of the Homeland Security Office, the Federal Emergency Management Office, the Department of Justice, other agencies, and Congressional staff as appropriate.

KET's development of its digital safety system is just one example in which public television stations can serve as effective partners with public safety officials through the use of digital broadcast technology. Public television stands ready to work with you and your council members about this and other ways public television can enhance public safety and homeland security.

I would be happy to meet with you and any other council members to discuss the ways in which public television may assist the council's work.

Sincerely,



John M. Lawson
President and CEO

cc: Chairman Michael K. Powell
Commissioner Kathleen Q. Abernathy
Commissioner Michael J. Copps
Commissioner Kevin J. Martin

Linda Blair, Deputy Chief, Enforcement Bureau
Brad Berry, Deputy Chief, Enforcement Bureau
Jeff Carlisle, Senior Deputy Chief, Common Carrier Bureau
Barbara Douglas, Associate Chief, Consumer Information Bureau
Linda Haller, Assistant Bureau Chief, International Bureau
Paul Jackson, Acting Deputy Director, Office of Legislative and Intergovernmental Affairs
Deborah Klein, Chief, Consumer Protection and Competition Division, Cable Services Bureau
Jane Mago, General Counsel
Scott Marcus, Special Advisor to the Chairman for Internet Technology, Office of Plans and Policy
Ken Moran, Chief, Accounting Safeguards Division, Common Carrier Bureau
Bob Ratcliffe, Deputy Chief, Mass Media Bureau
Catherine Seidel, Associate Chief, Wireless Telecommunications Bureau
Peter Tenhula, Senior Legal Advisor to Chairman Powell

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Digital TV Sample Schedule

How an Ohio Station Could Use the Technology



Youngstown/Akron, Ohio

Analog technology.
One channel.
No HDTV

DTV will allow PBS 45&49 to multicast four different streams of standard definition television (SDTV) simultaneously or broadcast one high definition (HDTV) channel. The technology also allows data to be sent over the airwaves during SDTV and HDTV broadcasts.

M U L T I C A S T I N G

	PBS 45&49	PBS 45&49-1	PBS 45&49-2 Learning & Education Channel	PBS 45&49-3 Ohio Channel	PBS 45&49-4 Ohio Channel	
DAYTIME	BBC World News	BBC World News	K-12	NewsNight Northeast Ohio	Zoboofoo	Various opportunities available while broadcasting in HDTV or SDTV
	Jay Jay the Jet Plane	Jay Jay the Jet Plane	Customized	The State of Ohio	Teletubbies	
	Clifford the Big Red Dog	Clifford the Big Red Dog	Curriculum	Ohio State Legislature:	Mr. Rogers' Neighborhood	
	Arthur	Arthur	Sit and Be Fit	The Ohio Channel	Sesame Street	
	Dragon Tales	Dragon Tales	The Body Electric	(Live)	Between the Lions	
	Barney and Friends	Barney and Friends	Workplace Essential Skills	Anxiety Disorders in Children	Zoom	
	Between the Lions	Between the Lions	Signature: Contemporary Writers	Lecture by Dr. June Phelps	Wishbone	
	Reading Rainbow	Reading Rainbow	Connect with English	Jane Goodall	Clifford the Big Red Dog	
	Sesame Street	Sesame Street	Voices & Visions	John S. Knight Lecture	Dragon Tales	
	Mr. Rogers' Neighborhood	Mr. Rogers' Neighborhood	News Writing	Lecture — Search for the Chimera	Caillou	
Adventures from the Book of Virtues	Adventures from the Book of Virtues		ITN World News	Arthur		
GED on TV	GED on TV		BBC World News	Reading Rainbow		
NewsHour with Jim Lehrer	NewsHour with Jim Lehrer		Akron City Council	Barney and Friends		
NewsNight Northeast Ohio	NewsNight Northeast Ohio		(Live)	Jay Jay the Jet Plane		
Antiques Roadshow	Antiques Roadshow			Adventures from the Book of Virtues		
PRIME TIME	The American Experience	The American Experience				Data Delivery to Schools
	The World of National Geographic	The World of National Geographic				Radio Reading Service
						Audio News Services
LATE NIGHT	NewsNight Northeast Ohio	NewsNight Northeast Ohio	Literary Visions	Youngstown City Council Meeting	Between the Lions	
	BBC World News	BBC World News		(replay)	Zoom	

Bandwith in use by HDTV

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