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VANCE-GRANVILLE COMMUNITY COLLEGE

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Mass Media Bureau
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Washington, DC 20554

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VIDEO SERVICES DIVISION

RE: ITFS License Needs

Dear Mr. Stewart:

This letter is to inform you of Vance-Granville Community College's long-range plans concerning our ITFS license usage. Currently, we are realizing the potential for broadband Internet connectivity, which is important to Vance-Granville as we have three (3) satellite campuses.

Vance-Granville Community College pays in excess of $3,000 per month for copper lines to connect our three satellite campuses with voice and data services, which is not cost effective. With technological advances and the use of the ITFS channels our campuses will realize greater data bandwidth and increased integration between technology and the learning process with lower associated costs.

These licenses will be the catalyst for taking distance learning to the next level and the development of an integrated college network that will provide unlimited opportunities. Attached is the college's projected ITFS channel usage plans.

The emergence of "3G" devices will render our licenses useless and will stymie progress towards Vance-Granville's long-range plan of establishing a viable educational network. The ITFS licenses are the future for supplying our students with the best educational resources possible and offer the ability to reach more working families with distance education.

Thank you for your support and consideration.

Sincerely,

Robert A. Miller

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Enclosure

pc: Barbara Kreisman, Chief, Video Services Division

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List A B C D E

Vance-Granville Community College

Projected ITFS Channel Usage

Category of IP service	Peak Usage	Hours for Peak Usage	Agegrate Usage	Applications Supported	Number of Courses utilizing services; Total number of sections offered 800
Electonic Mail/ Messaging	64 Kb/s	7:30 am - 10:30 pm	64 Kb/s	Inter Campus Mail, Internet Mail	100%
Web Content	1 - 10 Mb/s	24 Hours	5 Mb/s	Student Portal/ Self service applications	60%
File Transfer	1 - 45 Mb/s	7:30 am -10:30 pm	200 Kb/s	Course down load, Backup services	10%
Video/ Audio content	1 Mb/s	7:30 am -10:30 pm	1 Mb/s	Curriculum cources	10%
Video Conferencing	1 - 10 Mb/s	7:30 am -10:30 pm	1 Mb/s	Curriculum courses, Councling	10%
Inter Campus Connectivity	20 Mb/s	24 Hours	10 Mb/s	LAN to LAN	100%
Inter Campus Voice Over IP	1.5 Mb/s	7:30 am - 8:30 pm	512 Kb/s	Telephony	25%

VGCC ITFS plans to utilize the allocated frequencies to connect all three remote locations via point to point microwave links.