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HOUSE JOINT RESOLUTION NO. 177

Offered January 14, 2004

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Directing the Joint Commission on Technology and Science to study the development of a National Lambda Rail Advanced Performance Standard Initiative. Report.

Patron—Rust

Referred to Committee on Rules

WHEREAS, the Commonwealth occupies a leading role as an implementer and focal point of the mass medium referred to as Internet I and has realized significant economic, social, educational, and cultural benefits from that role; and

WHEREAS, the Joint Commission on Technology and Science (JCOTS) has studied and collected detailed data on the numerous and diverse activities involving advanced communications development and usage within the Commonwealth; and

WHEREAS, pursuant to House Joint Resolution 653 (2003), JCOTS studied the development of an Internet II Advanced Performance Standard Initiative; and

WHEREAS, advanced communications development is continuing with orders of magnitude as technological advances lead to the availability of new capabilities and capacity; and

WHEREAS, the Commonwealth requires the definition of an objective performance specification and development of an advanced communications backbone network to facilitate connection to the National Lambda Rail; and

WHEREAS, an advanced communications network infrastructure within the Commonwealth can substantially mitigate the demands of economic development, educational facilities, homeland security, and transportation; now, therefore, be it

RESOLVED by the House of Delegates, the Senate concurring, That the Joint Commission on Technology and Science be directed to study the development of a National Lambda Rail Advanced Performance Standard Initiative.

In conducting its study, the Joint Commission on Technology and Science shall determine what public resources, including but not limited to public-private partnerships, other public and private resources, taxation policies, and direct financial assistance may be used to further the development of a National Lambda Rail, advanced, high-speed telecommunications backbone network with the capability of transmitting a minimum of one gigabit per second (OC-24) utilizing the IPv6 Internet Protocol to all workstations within the Commonwealth; and monitor, cooperate, and coordinate with other agencies of the Commonwealth and committees of the General Assembly to ensure a sound, progressive statewide program is in place and being actively pursued.

All agencies of the Commonwealth shall provide assistance to the Joint Commission on Technology and Science for this study, upon request.

The Joint Commission on Technology and Science shall complete its meetings by November 30, 2004, and the Director of the Joint Commission on Technology and Science shall submit to the Division of Legislative Automated Systems an executive summary of its findings and recommendations no later than the first day of the 2005 Regular Session of the General Assembly. The executive summary shall state whether the Joint Commission on Technology and Science intends to submit to the Governor and the General Assembly a report of its findings and recommendations for publication as a document. The executive summary and report shall be submitted as provided in the procedures of the Division of Legislative Automated Systems for the processing of legislative documents and reports and shall be posted on the General Assembly's website.

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