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November 15, 2022

The Honorable Patrick Leahy
Chairman
Committee on Appropriations
United States Senate
Washington, DC 20510

The Honorable Richard Shelby
Vice Chairman
Committee on Appropriations
United States Senate
Washington, DC 20510

The Honorable Rosa DeLauro
Chair
Committee on Appropriations
House of Representatives
Washington, DC 20515

The Honorable Kay Granger
Ranking Member
Committee on Appropriations
House of Representatives
Washington, DC 20515

Dear Chairman Leahy, Vice Chairman Shelby, Chair DeLauro, and Ranking Member Granger:

On behalf of the Alliance for Telecommunications Industry Solutions (ATIS) and the Next G Alliance, we are writing to express our appreciation for Congress' passage of the historic CHIPS and Science Act of 2022 and to urge you to complete that bipartisan effort by fully funding the research programs authorized by the Act. This critical work at the National Science Foundation (NSF), Department of Defense, Department of Energy Office of Science and at the National Institute for Standards and Technology (NIST) is essential to U.S. leadership in emerging technologies that will be key to domestic economic security for the next decade and beyond.

ATIS is a leading U.S.-based standards and technology solutions development organization for the ICT industry. Established in 2020, the Next G Alliance is an ATIS initiative created to advance North American 6G mobile leadership through private sector-led efforts. Representing more than 100 members from diverse segments of industry, academia, and government, the work of the Next G Alliance will address the full lifecycle of 6G research and development, manufacturing, standardization, and market readiness. While industry will ultimately drive development and commercialization of the next generation of wireless communications, realizing this goal will require a commitment from government to support research and public policies that promote North American leadership.

Leadership in 6G and related emerging technologies will usher in a new generation of applications and services that will bring tremendous benefits to all sectors of the economy including education, entertainment, health, and the environment. This will

in turn drive even greater domestic industry investment in job-creating high-tech development and manufacturing critical to U.S. economic and national security. The Next G Alliance recently released a research agenda providing a blueprint for government, industry, and academic collaboration necessary to achieve North American 6G leadership. While 6G may not be deployed until near the end of this decade, the critical research and skills to support such leadership will require years of investment that must begin now. Indeed, other regions of the world have already made significant commitments to research in support of the next generation of communications technology. Full funding of the CHIPS and Science Act research programs, and particularly the NIST and NSF research, including the work of NSF's new Directorate for Technology, Innovation, and Partnerships, is essential to ensuring that North America is the epicenter of 6G innovation and will send a strong message that the U.S. is committed to being second to none in developing the technologies of the future.

If you have questions or would like additional information about Next G Alliance, please contact Glenn Reynolds, ATIS Vice President for Technology Policy, at 202-434-8825 or greynolds@atis.org.

CC: Chair Shaheen, Ranking Member Moran, Chairman Cartwright, Ranking Member Aderholt

Sincerely,

Susan M. Miller

Susan M. Miller
President and CEO
ATIS