

Honored Senators,

I have been working on broadband issues for over fifty years, and I am a strong advocate of the value of access for every resident in New Hampshire.

Attached is the official position for the IEEE-USA professional society, part of the largest society of technical professionals worldwide, and the creators of WiFi and Bluetooth standards as well as the technologists that invent and maintain communications, computing systems and much more.

The critical value of SB247 is to enable every municipality to identify the model for Internet Broadband that meets their needs currently and into the future. This must consider all residents, not just access in a census district. The current FCC definition of broadband considers a district to have broadband, even if there is only one point in that district with access.

For our North Country, rural, and mountainous areas, this is often not sufficient. The economics of private suppliers do not justify extending access to all residents, or upgrading services to match the current and future capacity levels.

This legislation will enable municipalities to use bonding capability as a tool to assure 21st century infrastructure is available to all residents to meet their educational, employment, health care and related needs into the future. Bonding via private-public partnerships allows many options either in collaboration with existing vendors, facilitating competing suppliers, or where needed providing direct services. Every town in New Hampshire is different, and will need to find the best solution for access in their community.

I ask you to support this bill and enable the level of local control and decision making needed for New Hampshire municipalities.

thank you for your support

*Jim Isaak, Bedford, NH*

Advocating the expansion to [universal affordable broadband](#)

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2019/20 Chair IEEE USA [Committee on Communications Policy](#)

2020/21 NH IEEE Section Chair , [IEEE NH Section](#)

2015 Vice President, [IEEE Society on Social Implications of Technology](#);

President Emeritus, [IEEE Computer Society](#);

2003/2004 IEEE Division VIII Director