



1200 G Street, NW
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April 25, 2017

The Honorable Ted Cruz
404 Russell Senate Office Building
United States Senate
Washington, DC 20515

Re: Global Positioning System Vulnerability

Dear Senator Cruz:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

ATIS is accredited by the American National Standards Institute and is a founding partner in the 3rd Generation Partnership Project (3GPP), the global collaborative developing Long Term Evolution (LTE), LTE-Advanced and 5G wireless specifications. It is also a founding Partner of the oneM2M global initiative, a member and major U.S. contributor to the International Telecommunication Union, as well as a member of the Inter-American Telecommunication Commission. ATIS SYNC develops and recommends standards and prepares technical reports related to telecommunications network technology pertaining to network synchronization interfaces.

ATIS has consistently recommended and advocated that Alternative Position, Navigation, and Timing (PNT) Systems be developed and deployed in the United States. Most recently, ATIS SYNC recommended to the National Space Based PNT Advisory Board that an eLoran system be developed and implemented in the U.S. to provide a near-term alternative to GPS for telecommunications and other critical infrastructure. Key properties of this system would include its low frequency of operation, technical maturity, resiliency to jamming and spoofing, independence from GPS, and ability to nationally deliver precise time.

ATIS SYNC strongly applauds your intention to introduce and support legislation to make eLoran and GPS timing backup a reality.

Thank you for your time and leadership on this critical issue.

Sincerely,

Thomas Goode
ATIS General Counsel

cc: Elliott Mulkin



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April 25, 2017

The Honorable Ed Markey
255 Dirksen Senate Office Building
United States Senate
Washington, DC 20510

Re: Global Positioning System Vulnerability

Dear Senator Markey:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

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Sincerely,

Thomas Goode
ATIS General Counsel

cc: Joseph Wender



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April 25, 2017

The Honorable Susan Collins
413 Dirksen Senate Office Building
United States Senate
Washington, DC 20510

Re: Global Positioning System Vulnerability

Dear Senator Collins:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

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Sincerely,

Thomas Goode
ATIS General Counsel

cc: Mark Leduc



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May 3, 2017

The Honorable Roger Wicker
555 Dirksen Senate Office Building
United States Senate
Washington, DC 20510

Re: Global Positioning System Vulnerability

Dear Senator Wicker:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

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Sincerely,

Thomas Goode
ATIS General Counsel

cc: Olivia Trusty



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May 3, 2017

The Honorable John Garamendi
2438 Rayburn House Office Building
United States House of Representatives
Washington, DC 20515

Re: Global Positioning System Vulnerability

Dear Representative Garamendi:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

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Sincerely,

Thomas Goode
ATIS General Counsel

cc: Dante Atkins



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May 3, 2017

The Honorable Duncan Hunter
2429 Rayburn House Office Building
United States House of Representatives
Washington, DC 20515

Re: Global Positioning System Vulnerability

Dear Representative Hunter:

The Alliance for Telecommunications Industry Solutions (ATIS), on behalf of its Synchronization (SYNC) Committee is writing to urge the introduction of legislation for the building of a backup to the Global Positioning System (GPS). GPS disruptions may have economic, financial, and service impacts to entities that depend upon a functioning wireless communication infrastructure. GPS vulnerability has been identified as an ATIS SYNC priority.

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Sincerely,

Thomas Goode
ATIS General Counsel

cc: Kyle Egan