



ATIS-0600320.2020

**Above-Baseline Electrical Protection
For Designated Information And
Communications Technology (ICT)
Facilities Against High-Altitude
Electromagnetic Pulse (HEMP)**

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ATIS-0600320.2020, Above-Baseline Electrical Protection For Designated Information And Communications Technology (ICT) Facilities Against High-Altitude Electromagnetic Pulse (HEMP)

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American National Standard for Telecommunications

**ABOVE-BASELINE ELECTRICAL PROTECTION FOR DESIGNATED
INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) FACILITIES
AGAINST HIGH-ALTITUDE ELECTROMAGNETIC PULSE (HEMP)**

Alliance for Telecommunications Industry Associations

Approved September 7, 2020

American National Standards Institute, Inc.

Abstract

This above-baseline standard applies to ICT facilities in public telecommunications networks in which a special measure of resistance to damage from high-altitude electromagnetic pulse (HEMP) is desired.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between providers, customers, and manufacturers. The Sustainability in Telecom: Energy and Protection (STEP) Committee engages industry expertise to develop standards and technical reports for telecommunications equipment and environments in the areas of energy efficiency, environmental impacts, power, and protection. The work products of STEP enable vendors, operators and their customers to deploy and operate reliable, environmentally sustainable, energy efficient communications technologies. STEP is committed to proactive engagement with national, regional, and international standards development organizations and forums that share its scope of work.

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Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, STEP, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time it approved this document, STEP, which is responsible for the development of this Standard, had the following members:

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The Network Electrical Protection (NEP) Subcommittee was responsible for the development of this document.

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