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PR CONTACT: [Charlie Vinopal](#) (202) 350-4767

TIA Issues New Mounting System Classification Standard

New Standard Specify Telecommunications Infrastructure Requirements Regarding Mounting Systems That Support Antennas & Other Structures

Arlington, VA (November 14 2017) – [The Telecommunications Industry Association](#) (TIA), the leading association representing the manufacturers and suppliers of high-tech connectivity networks and developer of global industry standards, has published a new document, **TIA-5053 Mounting System Classification**.

TIA-5053 was developed in response to the rate of change in antenna technology, which has necessitated an industry standard for the classification of mounting systems. It specifies requirements for telecommunications infrastructure related to mounting systems supporting antennas and related appurtenances. The intent of **TIA-5053** is to provide a system for classifying existing and new mounting systems. When using mounting systems classified in accordance with the specification, an owner will be able to determine the maximum loads that can be applied to existing mounting systems, as well as determine the proper mounting systems required for proposed antenna configurations.

TIA-5053 was formulated by the TIA TR-14 Structural Standards for Communication and Small Wind Turbine Support Structures subcommittee. This Standard is intended to be used in conjunction with **ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas**.

“With 5G and Smart Cities on the horizon we will see increased demand for wireless service and therefore an increase in antennas being deployed,” stated Stephanie Montgomery, VP of Technology and Standards at TIA. “Without proper mounting those antennas will be useless. I applaud the TIA engineering community for getting this needed guidance out to the industry. Proper use of this standard will save millions of dollars.”

Regarding the standard, John Erichsen, Chair of TR-14 said, “In an ever-changing industry, TR-14 is committed to delivering standards that keep pace with the shifting telecommunications landscape. The new TIA-5053 Mount Classification standard will assist and improve the industries deployment of new technology and improves the integrity of the structures deployed. It was developed with tremendous industry input and collaboration and will be an important allowing wireless technology to deliver on its full potential.”

TIA actively seeks participation in these projects from the user and general interest communities. For more information about TR-14 and how to participate in standards development with TIA, contact: Marianna Kramarikova at standards@tiaonline.org.

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TIA-5053 and all TIA standards may be purchased at <http://global.ihs.com>.

About TIA

The Telecommunications Industry Association (TIA) represents manufacturers and suppliers of global communications networks through standards development, policy and advocacy, business opportunities, market intelligence, and events and networking. TIA enhances the business environment for broadband, mobile wireless, information technology, networks, cable, satellite and unified communications. Members' products and services empower communications in every industry and market, including healthcare, education, security, public safety, transportation, government, the military, the environment, and entertainment. Visit tiaonline.org for more details.

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