

CACI Delivers High-Bandwidth Free-Space Optical Modem for NASA International Space Station Communications

Advanced laser communications technology will be integrated at MIT Lincoln Laboratory in support of multi-domain space missions

RESTON, Va.--(BUSINESS WIRE)-- CACI International Inc ([NYSE: CACI](#)) announced today that it has delivered a free-space optical modem as part of the Integrated Laser Communications Relay Demonstration (LCRD) Low-Earth Orbit (LEO) User Modem and Amplifier (ILLUMA) program to MIT Lincoln Laboratory, which will integrate CACI's advanced laser communications mission technology with other equipment for delivery to NASA.

The ILLUMA program provides high-bandwidth optical communication from the International Space Station (ISS) to the Earth and back via the LCRD mission satellite, which will deploy in geosynchronous orbit. ILLUMA will be launched in 2023 and installed on the ISS, where it will serve as a low-Earth terminal for NASA's multi-year LCRD mission to demonstrate high-speed, laser-based communications.

CACI is the leading U.S.-based FSO laser communications provider for space, airborne, and terrestrial missions to U.S. government and commercial customers. Our innovative technology enables faster, more direct communication in low-earth orbit, improving performance for missions ranging from national security to human spaceflight.

CACI's advanced laser communications technology for the ILLUMA program will transform the way data, video, and other information is sent and received using lasers to encode and transmit data at rates 10 to 100 times faster than today's radio frequencies, at significantly less mass and power. And with the recent acquisition of SA Photonics, the combined portfolios bring a rare synergy of innovation and scaled manufacturing capabilities.

Linda Braun, Vice President of Photonics Solutions at CACI, said, "Space-based missions are producing larger volumes of data and demanding higher data rates, increasing the need for new communications technology. CACI's decades of experience supporting the full lifecycle of space ground, launch and operations combined with innovative resilient communications technology enables these transformative solutions for NASA's missions."

About CACI

CACI's approximately 22,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 500 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

There are statements made herein which do not address historical facts, and therefore could be interpreted to be forward-looking statements as that term is defined in the Private Securities Litigation Reform Act of 1995. Such statements are subject to factors that could cause actual results to differ materially from anticipated results. The factors that could cause actual results to differ materially from those anticipated include, but are not limited to, the risk factors set forth in CACI's Annual Report on Form 10-K for the fiscal year ended June 20, 2021, and other such filings that CACI makes with the Securities and Exchange Commission from time to time. Any forward-looking statements should not be unduly relied upon and only speak as of the date hereof.

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