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# Sidus Space Announces Iridium-Powered Communication Upgrade for LizzieSat™ Platform

***Advanced solution expands Sidus Space's reach into near real-time data markets with innovative, low-latency communications capabilities***

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- Sidus Space (NASDAQ: SIDU) (the "Company" or "Sidus"), an innovative, agile space mission enabler, announced a strategic communication upgrade for its LizzieSat™ platform, integrating Iridium-enabled technology into future satellites to deliver low-latency data capabilities from space. This upgrade leverages the Iridium satellite constellation to provide real-time, direct-to-satellite phone messaging for a range of time-sensitive applications, including environmental monitoring, disaster response and maritime security.

Powered by Sidus' proprietary AI-driven FeatherEdge™ processor, the Iridium-enabled communication system positions Sidus as the only provider of small-form, rapid data transmission services in the commercial space market. By minimizing reliance on traditional communication infrastructure, this solution provides uninterrupted data flow, even during network outages. The advanced system also offers geofencing capabilities for data targeting to specific regions, while also enabling personnel on the ground to query LizzieSat™ directly for real-time updates and customized information using its sensor suite.

"This breakthrough solution is designed to meet the urgent needs of customers who depend on time-sensitive information for decision-making," said Carol Craig, CEO of Sidus Space. "This upgrade demonstrates our commitment to rapid innovation, flexible, cost-effective solutions and enhanced situational awareness across critical sectors."

Sidus is partnered with Global Satellite Engineering to provide design and support services for the Iridium integration. "We are excited to continue innovation in satellite IoT technology by partnering with Sidus as they expand their capabilities and reach into new markets," said Jeffrey Palmer, Director at Global Satellite Engineering.

This communication upgrade underscores Sidus Space's mission of *Space Access Reimagined™* and supports its expansion into data markets previously limited by traditional infrastructure, providing customers with enhanced situational awareness and data-as-a-service solutions tailored for critical, real-time applications.

## About Sidus Space

Sidus Space (NASDAQ: SIDU) is a space mission enabler providing flexible, cost-effective solutions including custom satellite design, payload hosting, mission management, space

manufacturing and AI enhanced space-based sensor data-as-a-service. With its mission of Space Access Reimagined™, Sidus Space is committed to rapid innovation, adaptable and cost-effective solutions, and the optimization of space system and data collection performance. With demonstrated space heritage including manufacturing and operating its own satellite and sensor system, LizzieSat™, Sidus Space serves government, defense, intelligence and commercial companies around the globe. Strategically headquartered on Florida's Space Coast, Sidus Space operates a 35,000-square-foot space manufacturing, assembly, integration and testing facility and provides easy access to nearby launch facilities.

For more information, visit: <https://www.sidusspace.com>

### **Forward-Looking Statements**

Statements in this press release about future expectations, plans and prospects, as well as any other statements regarding matters that are not historical facts, may constitute 'forward-looking statements' within the meaning of The Private Securities Litigation Reform Act of 1995. These statements include, but are not limited to, statements relating to the expected trading commencement and closing dates. The words 'anticipate,' 'believe,' 'continue,' 'could,' 'estimate,' 'expect,' 'intend,' 'may,' 'plan,' 'potential,' 'predict,' 'project,' 'should,' 'target,' 'will,' 'would' and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: the uncertainties related to market conditions and other factors described more fully in the section entitled 'Risk Factors' in Sidus Space's Annual Report on Form 10-K for the year ended December 31, 2023, and other periodic reports filed with the Securities and Exchange Commission. Any forward-looking statements contained in this press release speak only as of the date hereof, and Sidus Space, Inc. specifically disclaims any obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

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