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Sidus Space Announces LizzieSat™-2 Ready for Launch

Next-generation satellite equipped with advanced sensor suite and AI-driven data capabilities to deliver critical insights from orbit and expand Sidus Space's on-orbit presence.

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- Sidus Space (NASDAQ: SIDU) (the "Company" or "Sidus"), an innovative, agile space mission enabler, announced the successful completion of the launch processing of LizzieSat™-2 at the Astrotech Space Operations facility at Vandenberg Space Force Base in California. LizzieSat™-2 has been turned over to SpaceX and is ready for launch on the Bandwagon-2 rideshare mission, which is targeted for no earlier than December of 2024.

LizzieSat™-2 was designed and manufactured at Sidus Space's state-of-the-art facility on Florida's Space Coast. The satellite is equipped with an advanced sensor suite that includes AIS, multi-spectral methane detection, and high-resolution visual spectrum sensors, as well as the HEO Holmes Imager, provided by HEO (USA), a subsidiary of Australian-based HEO. The Holmes Imager is a cutting-edge technology that powers HEO Inspect, an in-orbit satellite inspection platform designed for non-Earth imaging (NEI) and the precise characterization of space objects. LizzieSat™-2 will provide data through a monthly subscription contract for HEO, further demonstrating Sidus Space's role as a leading provider of multi-mission space-based data solutions.

Leveraging Sidus' proprietary FeatherEdge™ AI processor, LizzieSat™-2 will enable on-orbit data processing for actionable insights, supporting applications such as Space Situational Awareness (SSA), non-Earth Imaging, maritime monitoring, environmental assessments and disaster response.

"LizzieSat™-2 represents the next evolution of our modular satellite platform, showcasing its adaptability to host both Sidus-developed sensors and customer payloads, such as the HEO Holmes Imager," said Carol Craig, CEO of Sidus Space. "This milestone highlights our commitment to delivering innovative, flexible and cost-effective solutions that address the diverse and evolving needs of our customers. We are excited to expand our on-orbit presence and delivery of critical, near real-time data services."

The launch of LizzieSat™-2 marks a significant step in Sidus Space's mission to expand its on-orbit presence, enabling the company to better serve its customers with scalable, real-time space-based data solutions. By integrating advanced sensor technology, leveraging on-orbit processing and offering data-as-a-service capabilities, LizzieSat™-2 is designed to provide actionable insights that support applications across government, defense, intelligence and commercial sectors worldwide.

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: 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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