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Sidus Space Establishes Two-Way Communications with State-of-the-Art Hybrid 3D-Printed LS-1 Satellite

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- Sidus Space, Inc. (NASDAQ: SIDU) (the "Company" or "Sidus"), a multi-faceted Space and Data-as-a-Service satellite company, today announced it established two-way communications with its state-of-the-art 3D-printed satellite, LizzieSat™, focused on earth observation and remote sensing solutions powered by Geospatial Artificial Intelligence (Geo-AI).

Utilizing a state-of-the-art production process, Sidus' hybrid, 3D-printed LizzieSat uses Markforged's flame-retardant [Onyx FR-A](#) material to produce the bus structure with metal-like strength, while also reducing cost, weight, and production time. Once full production cadence is achieved, the expected time to manufacture the satellites is 45 days and includes printing and assembly. Following on the successful launch and deployment of its first LizzieSat earlier this year, Sidus has two additional LizzieSats manifested for launch before the end of the year.

"Sidus' cutting edge, state-of-the-art LizzieSats are at the core of our high-margin Data-as-a-Service business model," said Carol Craig, Sidus' CEO and Founder. "The combination of our rapid, 3D-printing production process, our multi-sensor coincident data collection, and the integration of on-orbit AI gives Sidus an edge as we build our satellite constellation to collect and sell data to our customers."

Capable of integrating multiple sensors, LizzieSat facilitates simultaneous data collection to support agriculture, maritime, oil and gas and other industries. These sensors and receivers include hyperspectral, multispectral, automatic identification system (AIS), and optical technologies. Additionally, the satellite features Sidus' onboard FeatherEdge AI hardware and software solution for near real-time, actionable intelligence processing of imagery and sensor data.

About Sidus Space

Sidus Space (NASDAQ: SIDU) is a multi-faceted Space and Data-as-a-Service satellite company focused on mission-critical hardware manufacturing; multi-disciplinary engineering services; satellite design, production, launch planning, mission operations; and in-orbit support. The Company is in Cape Canaveral, Florida, where it operates from a 35,000-square-foot manufacturing, assembly, integration, and testing facility focused on vertically integrated Space-as-a-Service solutions including end-to-end satellite support.

Sidus Space has a mission of Bringing Space Down to Earth™ and a vision of enabling space flight heritage status for new technologies while delivering data and predictive

analytics to domestic and global customers. More than just a “Satellite-as-a-Service” provider, Sidus Space’s products and services are offered through its four business units: Space and Defense Hardware Manufacturing, Satellite Manufacturing and Payload Integration, Space-Based Data Solutions, and AI/ML Products and Services to support customers from concept to Low Earth Orbit and beyond. Sidus Space is ISO 9001:2015, AS9100 Rev. D certified, and ITAR registered.

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, 2022, 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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