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Sidus Space Receives NASA Stennis ASTRA Flight Software and Hardware for Installation on LizzieSat Ahead of Q1 2024 SpaceX Launch

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- [Sidus Space, Inc.](#) (NASDAQ:SIDU) (the "Company" or "Sidus"), a Space and Data-as-a-Service satellite company, today announced that it has received its ASTRA (Autonomous Satellite Technology for Resilient Applications) Flight Software Version 1.0 and ASTRA flight hardware from NASA Stennis and installed it on the Company's LizzieSat™ satellite ahead of its first quarter 2024 SpaceX Transporter 10 launch.

NASA Stennis has completed its Flight Readiness Review in preparation for the 2024 launch and will be one of six payloads aboard LizzieSat. In preparation for the next operational phase of on-orbit testing, ASTRA software has been loaded onto ASTRA Flight Hardware and delivered to Sidus for installation aboard LizzieSat.

When the satellite launches in 2024, the NASA Stennis Autonomous Systems Laboratory team will send targeted satellite operations commands for its ASTRA Flight Software to perform via the Sidus flight computer. The initial version of the software includes vehicle systems management capabilities, as well as the ability to update software versions and add capabilities during the mission, which could last more than two years.

"The integration of the NASA Stennis ASTRA software will provide us with the necessary flight heritage for future deep space missions, and we are excited to begin this process," stated Carol Craig, Founder and CEO of Sidus. "This is an important step for the two organizations and the industry as a whole as we step further into space and beyond."

"This is a significant achievement," said Stennis Center Director Dr. Rick Gilbrech. "This will be the first time NASA Stennis has flown software to space, and we are excited to join Sidus Space for this mission. It is a great opportunity to demonstrate the capabilities of the NASA Stennis software, as well as the center's autonomous systems team."

About Sidus Space

Sidus Space (NASDAQ: SIDU) is a multi-faceted Space and Data-as-a-Service 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 located 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. Any corporation, industry, or vertical can start their journey off-planet with Sidus Space's rapidly scalable, low-cost satellite services, space-based solutions, and testing alternatives. More than just a "Satellite-as-a-Service" provider, Sidus Space is a trusted Mission Partner—from concept to Low Earth Orbit and beyond. Sidus Space is ISO 9001:2015, AS9100 Rev. D certified, and ITAR registered.

About NASA's Stennis Space Center

NASA's Stennis Space Center, located near Bay St. Louis, Mississippi, is a federal city operated by NASA since 1961. As many as 40 onsite agencies, organizations, universities, and companies share operating costs, while pursuing individual missions, as a model of fiscal efficiency. If their combined workforces of about 5,000 employees were counted as a single entity, Stennis would rank among the Top 10 Mississippi companies in size. The site is a major economic engine for the Gulf Coast region, with an average direct annual impact of more than \$625 million within a 50-mile radius.

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. 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 discussed 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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