Need a Lift? Astroscale and Momentus Team to Offer NASA a Commercial Solution to Reboost Hubble and Deliver Additional In-Space Servicing

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Reboost would extend the life of this iconic 33-year-old, billion-dollar space telescope and build on its successful heritage of countless scientific discoveries and in-space servicing

SAN JOSE, Calif.--(BUSINESS WIRE)--May 9, 2023-- Astroscale U.S. Inc., the market leader in securing long-term orbital sustainability across all orbits and Momentus Inc. (NASDAQ: MNTS), a U.S. commercial space company that offers orbital transportation and in-space infrastructure services, are collaborating to offer NASA a sustainable solution for its Hubble Reboost efforts.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20230508005772/en/

Photo of the Hubble Space Telescope in orbit. Credit: NASA

The two companies recently responded to NASA's Hubble Reboost RFI in a joint proposal. The mission's objectives include safe relocation of Hubble and removal of nearby threatening debris from the celebrated space telescope's new orbit.

"Leveraging Momentus' flight heritage with three orbital service vehicles on-orbit today and Astroscale's expertise in RPOD (rendezvous, proximity operations and docking), we found our product suites to be synergistic in support of a major NASA mission," said John Rood, Momentus Chief Executive Officer. "Even at 33, Hubble is fully capable of continuing its mission; where it is aging is in its orbital stability. I am thrilled that we collaborated to offer NASA a very cost-effective way to continue to operate this billion-dollar scientific investment by leveraging new robotic in-space servicing technology."

The proposed mission concept, a commercial solution to extend the life of this important national asset without risk to humans, includes launching a Momentus Vigoride Orbital Service Vehicle (OSV) to low-Earth orbit on a small launch vehicle. Once on orbit, Astroscale's RPOD technology built into the OSV would be used to safely rendezvous, approach and then complete a robotic capture of the telescope. Once mated, the OSV would perform a series of maneuvers to raise the Hubble by 50 km. Removal of surrounding and threatening space debris in Hubble's new orbit using the Vigoride and Astroscale's RPOD capabilities will be prioritized after the completion of the primary reboost mission.

"The Hubble's need for a reboost should be an important wake-up call as to why the space industry needs dynamic and responsive in-space infrastructure, and in this case, to extend opportunities to explore our universe," said Ron Lopez, President and Managing Director of Astroscale U.S. "The proliferation of in-space servicing and assembly allows us to reimagine how our investments are managed in space; it is the foundation on which the new space age is being built. What we've proposed to NASA are options—options that were not available during the five previous crewed servicing missions and that leverage the best of in-space servicing to achieve mission objectives and advance U.S. leadership in space."

About Astroscale U.S.

Astroscale U.S. Inc. provides on-orbit services and logistics across all orbits for commercial operators, the U.S. government and partner governments around the world. Astroscale U.S. is headquartered in Denver, Colorado, and is a subsidiary of Tokyo-based Astroscale Holdings Inc., the first private company with a vision to secure the safe and sustainable development of space for the benefit of future generations, and the only company solely dedicated to on-orbit services across all orbits. Astroscale Israel Ltd., based in Tel Aviv, is a subsidiary of and serves as the research and payload development team for Astroscale U.S. Astroscale U.S. leverages the best of investments and developments made by Astroscale engineering, policy and business teams domestically and in Japan, the United Kingdom and Israel to provide flexibility and value for space operations in the U.S. and partner nations.

About Momentus

Momentus is a U.S. commercial space company that offers in-space infrastructure services, including in-space transportation, hosted payloads and in-orbit services. Momentus believes it can make new ways of operating in space possible with its planned in-space transfer and service vehicles that will be powered by an innovative water plasma-based propulsion system.

Forward-Looking Statements

This press release contains certain statements which may constitute "forward-looking statements" for purposes of the federal securities laws. Forward-looking statements include, but are not limited to, statements regarding Momentus or its management team's expectations, hopes, beliefs, intentions or strategies regarding the future, projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, and are not guarantees of future performance. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of Momentus' control. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to risks and uncertainties included under the heading "Risk Factors" in the Annual Report on Form 10-K filed by the Company on March 8, 2023, as such factors may be updated from time to time in our other filings with the Securities and Exchange Commission (the "SEC"), accessible on the SEC's website at www.sec.gov and the Investor Relations section of our website at investors.momentus.space. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and, except as required by law, the Company

assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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