

ARCA Dynamics Enters Service Agreement with Momentus

August 4th, 2020 – Santa Clara, CA -- Momentus (www.momentus.space), provider of in-space transportation services for satellites, and ARCA Dynamics, a young company specialized in the field of aerospace engineering, with special concern to problems of guidance, navigation and control, space robotics and artificial intelligence, today announced the execution of a launch service agreement for a 3U satellite, named REVELA, to Sun-synchronous orbit (SSO), to be launched in February 2021 on the second Vigoride demo mission.

ARCA Dynamics offers experience and quality for the nano and small-satellite world. REVELA will demonstrate ARCA Dynamics technologies, comprised of cutting-edge image processing algorithms. The company acquires hyperspectral data while using an innovative attitude determination and control system, as well as other technologies from Italian partners, H4Research and GP Advanced Projects. This will be the first flight qualification mission for the 3U deployer, provided by another Italian company, NPC Spacemind. ARCA Dynamics is also flying its technology on the Vega-C inaugural flight in November 2020 as well as on Soyuz mission in late 2020.

“With Momentus’ Vigoride we have the opportunity to rise the orbit of REVELA from the initial injection altitude provided by SpaceX’s Falcon 9, giving us a tailored service while sensibly enhancing the satellite’s operating life,” said Daniele Luchena, Co-founder & CEO of ARCA Dynamics.

“Momentus is delighted to announce our first Italian customer while supporting several innovative Italian aerospace startups through this mission,” said Mikhail Kokorich, CEO of Momentus.

This mission is a precursor to more missions with ARCA Dynamics, including constellations and larger satellites, and testimony of the vitality of the Italian space startup ecosystem.

Momentus is a Space Transportation and Space Logistics company and a graduate of the prestigious Y Combinator program based in Silicon Valley. Momentus employs new and proprietary technologies, including water plasma propulsion to enable revolutionary low-cost orbital shuttle and charter services. Momentus has already demonstrated its core technology in space and is currently preparing for its next two customer test missions starting later this year.

About Momentus

Momentus is the first company providing in-space transportation services for satellites. The company was founded in 2017 in Santa Clara, CA. Momentus designs and builds transfer vehicles propelled by proprietary water plasma thrusters. The vehicles ferry satellites to a custom orbit after they are delivered by conventional rockets to their initial orbit. Momentus is a 70 person team growing rapidly.

For more information visit <http://www.momentus.space>

About ARCA Dynamics

ARCA Dynamics is an Italian *innovative start-up* providing downstream and IOD services using its own satellites, and participating in the European Space Agency (ESA) Business Incubation Centre Lazio. The company thrives in the field of Space technology R&D offering systems for advanced Space applications like proximity operations (collision avoidance, rendezvous, docking, debris removal, etc.) and special missions using cutting-edge technologies.

For more information visit <http://www.arcadynamics.com>