



MEDIA RELEASE

Australian Government funding to accelerate Neumann Space sovereign space technology development on-board Spire Global Satellite

ADELAIDE, 6th December 2023 – Neumann Space, a technology leader of in-space electric propulsion, announced today that Australian Government funding will enable it to adapt the Neumann Drive® for an in-orbit demonstration mission with Spire Global, a global provider of space-based data, analytics and space services.

Neumann Space is a founding partner of the Australian Space Manufacturing Network (ASMN) project led by Gilmour Space Technologies and made possible through funding under the Australian Government’s Modern Manufacturing Initiative (MMI) Collaboration stream.

Neumann Space will use Australian Government funding received under this program to work together with Spire on this mission to rapidly adapt, integrate, launch and verify the performance of the next generation Neumann Drive® on-board one of Spire’s proven satellite platforms.

The Neumann Drive® incorporates a unique propulsion technology that uses solid metallic propellant to enable superior mobility in space for satellites and spacecraft, including improved safety, efficiency, and the ability for it to be transported and stored fully fuelled and integrated.

Neumann Space’s CEO, Herve Astier said: “Mobility is integral to the success of the new space economy, and this underpins our mission with Spire to deliver a better, more advanced propulsion solution. We are excited about the opportunity the ASMN project has provided us to work together with Spire to further the development of this sovereign space technology and to tailor our technology to their needs in delivering greater knowledge and insights about Earth.”

To support the mission, Neumann Space and Spire Global today signed a Memorandum of Understanding (MOU) to advance the development of better in-space propulsion for satellites. The MOU outlines the companies’ intent to collaborate on an in-orbit demonstration mission with the integration of the Neumann Drive® on a Spire satellite.

Jonathon Brain, APAC Regional Business Development Director for Space Services at Spire, said: “We’re excited to continue to support and contribute to Australia’s space ecosystem by partnering with innovative organisations like Neumann Space to leverage our Space as a Service model to quickly and efficiently launch space missions that drive technological advancements.”

Neumann Space launched its second propulsion system into space last week and continues to invest in a dedicated program of in-orbit missions over the next 18 months to commercialise its technology.

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About Neumann Space

Neumann space is an Australian owned company whose mission is to enable the sustainable economic development of space. To achieve that the company is focused on delivering superior mobility in space through the development of products using a unique leading technology with solid metallic propellants for in-space electronic propulsion and the commercialisation of those products for satellites and spacecraft. To learn more, visit neumannspace.com.

About Spire Global, Inc.

Spire (NYSE: SPIR) is a global provider of space-based data, analytics and space services, offering unique datasets and powerful insights about Earth so that organizations can make decisions with confidence in a rapidly changing world. Spire builds, owns, and operates a fully deployed satellite constellation that observes the Earth in real time using radio frequency technology. The data acquired by Spire's satellites provides global weather intelligence, ship and plane movements, and spoofing and jamming detection to better predict how their patterns impact economies, global security, business operations and the environment. Spire also offers Space as a Service solutions that empower customers to leverage its established infrastructure to put their business in space. Spire has nine offices across the U.S., Canada, UK, Luxembourg, Germany and Singapore. To learn more, visit spire.com.

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