

## Momentum Announces Orders are Open for the Vigoride Orbit Transfer Service - EXOLAUNCH Among First to Book

Newspace pioneers Momentum and EXOLAUNCH (formerly known as ECM) have reached a binding commercial contract worth more than \$6M for in-space transportation services

JANUARY XX, 2019 – Santa Clara, CA -- Momentum (<http://www.momentum.space>), provider of in-space transportation services, today announced that they are taking orders for their Vigoride and Vigoride Extended services (orbital repositioning for satellites with masses up to 250kg) and have signed their first customer: EXOLAUNCH, in a contract worth more than \$6M. EXOLAUNCH (formerly ECM Launch Services), is a leading European launch services provider and cluster integrator, that will first use Vigoride in the fourth quarter of 2020 and Vigoride Extended in 2021.

A graduate of the prestigious Y combinator program and based in Santa Clara, California, Momentum is currently perfecting both Vigoride and Vigoride Extended to perform last-mile delivery in space for payloads up to 250 kg. Prospective customers can download the [Vigoride services datasheet](#) to determine if Vigoride is right for their need. The Vigoride service is designed to support smallsats and cubesats in low Earth orbit. Vigoride Extended is capable of delivering smallsats throughout high and medium Earth orbits including geosynchronous orbit, Lunar orbit, and beyond. Momentum employs new and proprietary technology including water plasma engines for the mission of low cost sustainable transportation through space. Vigoride and Vigoride Extended are the first two offerings in a pipeline of planned Momentum services that will grow over time to be capable of repositioning multi-ton payloads from low Earth orbit to many different destinations, including geosynchronous orbit, the Moon, and interplanetary transfer.

Dmitriy Bogdanov, CEO of EXOLAUNCH said “EXOLAUNCH has booked Momentum’s in-space transportation services to provide our clients a unique and effective orbit transfer service. The Vigoride service will be used to deploy CubeSat and micro satellite constellations to multiple orbits, giving clients an unprecedented flexibility of satellite deployment, reducing the price of launch, and giving access to orbits not typical for ridesharing vehicles as early as next year. “Bogdanov continued, “We also plan to deliver smallsats to geosynchronous orbit using the Vigoride Extended service. Momentum will enable us to service a larger segment of the market by enabling our customers to reach custom orbits in an efficient and cost-effective manner.”

“We designed Vigoride to put your satellites exactly where you need them to be in space,” said Momentum CEO Mikhail Kokorich. “We are thrilled to be partnering with such a pioneering and innovative company as EXOLAUNCH to show the first value proposition of our product chain.”

“Momentum uses radical innovation, agile development methods, breakthrough technology, and practical manufacturing methods to dramatically reduce cost and improve performance. Our customers are very excited about the resulting cost savings and mission benefits we can provide.”, said Momentum CTO Dr. Joel C. Sercel.

The first leg of a satellite's journey will include a ride along with Vigoride on a rideshare on a large rocket, a dedicated small launch vehicle, or deployment from the International Space Station. The Vigoride transfer vehicle then carries a satellite, or constellation of satellites, through space to their final destination orbits. The Vigoride service is infinitely flexible and can deploy up to dozens of individual satellites in custom orbits as part of a single mission.

Growth in the small satellite market continues to accelerate driving demand for the services Momentus has pioneered. The total number of satellites deployed to low Earth orbit is projected to grow from the under 3,500 that have been launched in the past two decades to several thousand within the next five years. With the Vigoride service available for customer orders now, Momentus has achieved unprecedented performance and safety at an unbeatable cost. With limited availability, customers will be serviced on a first come first serve basis.

### **To Book Availability Contact**

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### **About Momentus**

Momentus is providing a shuttle service for satellites. Chemical rockets deliver our shuttles loaded with satellites into an initial orbit. Our shuttles, powered by water plasma engines, then transport these satellites the last mile to their target orbits.

For more information and a list of job openings, please visit us at <http://www.momentus.space/careers>

### **About EXOLAUNCH**

EXOLAUNCH (formerly ECM Launch Services) is a leading European launch services provider and cluster integrator offering easy, cost-effective and regular access to space for small satellites. Our proven flight heritage includes the successful organization and launch execution of 50+ international small satellites to sun-synchronous orbits, and we intend to launch over 60 more in 2019. In addition to our launch services, EXOLAUNCH designs and manufactures in-house 12U/16U CubeSat launch deployers and shock-free separation systems for micro-satellites. When combined with our launch services, this makes us a preferred partner in the NewSpace industry.

For more information, please visit: <http://www.exo-launch.com>