

Kepler Communications Awards Service Agreement to Momentus

October 20th, 2020 --Santa Clara, CA --Momentus Inc. (“Momentus” or the “Company”), a commercial space company offering in-space infrastructure services, and Kepler Communications Inc. (“Kepler”), developer and operator of next-gen satellite communications technologies, have signed a launch service agreement to deploy two additional satellites for Kepler’s GEN1 constellation in 2021. Momentus’ rideshare service will include launch provisions and delivery to the customer’s desired orbital altitude while maintaining the SSO inclination using Momentus’ Vigoride transfer vehicle.

The GEN1 platform supports both Kepler’s Global Data Service, a wideband high-capacity data service, and EverywherIoT, a narrowband solution for Internet of Things applications. With deployment beginning in late 2020, Kepler’s GEN1 constellation is the first to offer both wideband and narrowband services from LEO. The two new satellites will deliver additional commercial capacity for Kepler’s Global Data Service and provide additional support for on-going technology demonstrations for EverywherIoT.

For communications and IoT satellites, the Local Time of the Ascending/Descending Node (LTAN/LTDN) is important in terms of offering fleet coverage diversity so that a satellite operator can offer data and analytics over a variety of times. Once in orbit, Momentus’ Vigoride transfer vehicle can change the LTAN/LTDN of a spacecraft deployed by using precession -- a change in the orientation of the rotational axis of a rotating body. Kepler will be a prominent customer for Momentus’ LTAN shift service as they build out their constellation.

Jared Bottoms, Director, Space Systems at Kepler said “Securing this launch with Momentus represents a key milestone in the deployment of our GEN1 constellation. We look forward to the successful launch, and the benefits of the Vigoride service. Assurance on an accurate LTAN insertion is key for Kepler as we serve users on a global scale, and this played a significant role in our selection of Momentus for this mission.”

Mikhail Kokorich, CEO of Momentus, said “Momentus is honored to enable Kepler’s IOT constellation and will efficiently deploy their GEN1 satellites to precise and specific orbits, thereby enabling Kepler to expand their commercial service.”

About Momentus

As a first mover in building in-space infrastructure technology, Momentus is at the forefront of the commercialization of space. With an experienced team of aerospace, propulsion, and robotics engineers, Momentus has developed a cost-effective and energy efficient in-space

transport system based on water plasma propulsion technology. Momentus has in-place service agreements with private satellite companies, government agencies, and research organizations, and its first Vigoride™ transport and service vehicle launch is scheduled for December 2020.

<http://www.momentus.space/>

About Kepler Communications Inc.,

Kepler is a satellite telecommunications provider based in Canada, with a mission to connect people and things Everywhere, on earth and beyond. To this end, Kepler has commenced the build-out of an in-space telecommunications network. The first to launch and operate a Ku-band satellite service in Low Earth Orbit, Kepler has recently expanded the capabilities of their satellite platform with the addition of narrowband for IoT applications. Kepler's GEN1 platform is being built at a purpose-built production facility at their headquarters in Toronto. For more information visit <https://kepler.space> or [@KeplerComms](https://twitter.com/KeplerComms) via Twitter.