



Blue Origin's Powerful New Glenn Rocket to Launch Telesat's Advanced Global LEO Satellite Constellation

Ottawa, Canada, January 31, 2019 – Telesat and Blue Origin have signed a multi-launch agreement that paves the way for the powerful New Glenn rocket to play a key role in Telesat's deployment of its global LEO satellite constellation that will deliver fiber-like broadband services anywhere on Earth. Telesat's LEO program will gain significant cost savings and other advantages by launching with Blue Origin's heavy-lift New Glenn.

With this agreement, two of the most innovative and ambitious companies in the space industry are combining their expertise, capabilities, and resources to transform the global broadband and launch markets. Telesat and Blue Origin have established a strong working relationship and will collaborate on a range of technical activities to assure cost and performance objectives are achieved throughout the multi-launch program.

Telesat's LEO constellation will leverage the company's innovative, patent-pending orbital architecture and global priority spectrum rights, as well as the most advanced antenna, digital processing, optical link and manufacturing technologies. Telesat LEO will offer an unsurpassed combination of capacity, speed, affordability, security and resiliency with latency equal to, or better than, the most advanced terrestrial networks. Able to serve the entire globe, Telesat LEO will help satisfy many of the world's most challenging communications requirements. It will accelerate 5G expansion, bridge the digital divide with fiber-like high speed services into rural and remote communities, and set new levels of performance for commercial and government connectivity on land and in key maritime and aeronautical broadband markets, which are among the fastest growing in today's satcom industry.

Founded and backed by Amazon founder Jeff Bezos, Blue Origin is developing New Glenn, a reusable heavy-lift launch vehicle that will send people and payloads to Earth orbit and beyond. New Glenn's massive 7-meter fairing has more than two times the payload volume of the largest fairing in the market today. New Glenn is powered by 7 BE-4 engines with the capability to deliver 45 metric tons to LEO. Blue Origin expects New Glenn to have its maiden flight in 2021 from Launch Complex 36 at Cape Canaveral Air Force Station in Florida. Blue Origin is also presently launching and landing its fully reusable New Shepard suborbital vehicle taking research and technology payloads to space today and astronauts later this year.

"Blue Origin's powerful New Glenn rocket is a disruptive force in the launch services market which, in turn, will help Telesat disrupt the economics and performance of global

broadband connectivity,” said Dan Goldberg, Telesat’s President and CEO. “Telesat and Blue Origin share a vision of leveraging state-of-the-art space technologies and engineering excellence to improve the lives of people around the globe and give our respective customers a significant and sustainable advantage in their own highly competitive markets. Telesat is working with a range of world-class companies to build, deploy and operate our advanced, global LEO network. We are delighted to welcome Blue Origin and their New Glenn rocket to the team.”

“Blue Origin is honored that Telesat has selected our powerful New Glenn rocket to launch Telesat’s innovative LEO satellite constellation into space,” said Bob Smith, CEO of Blue Origin. Adding, “We are excited to be partnering with this industry leader on their disruptive satellite network architecture. New Glenn’s 7-meter fairing, with its huge mass and volume capabilities, is a perfect match for Telesat’s constellation plans while reducing launch costs per satellite.”

About Telesat (www.telesat.com)

Telesat is a leading global satellite operator, providing reliable and secure satellite-delivered communications solutions worldwide to broadcast, telecom, corporate and government customers. Headquartered in Ottawa, Canada, with offices and facilities around the world, the company’s state-of-the-art fleet consists of 17 GEO satellites, the Canadian payload on ViaSat-1 and one Phase 1 LEO satellite which is the start of Telesat’s planned global LEO satellite constellation that will offer low latency, high throughput broadband services. Telesat is also a leading technical consultant providing high value expertise and support to satellite operators, insurers and other industry participants on a global basis. Privately held, Telesat’s principal shareholders are Canada’s Public Sector Pension Investment Board and Loral Space & Communications Inc. (NASDAQ: LORL).

Forward-Looking Statements Safe Harbor

This news release contains statements that are not based on historical fact and are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. When used in this news release, the words “paves the way”, “will”, “transform”, “objectives”, “growing”, “developing”, “expects”, “later”, or other variations of these words or other similar expressions are intended to identify forward-looking statements and information. Actual results may differ materially from the expectations expressed or implied in the forward-looking statements as a result of known and unknown risks and uncertainties. Detailed information about some of the known risks and uncertainties is included in the “Risk Factors” section of Telesat Canada’s Annual Report on Form 20-F for the fiscal year ended December 31, 2017 which can be obtained on the SEC website at <http://www.sec.gov>. Known risks and uncertainties include but are not limited to: risks associated with operating satellites and providing satellite services, including satellite construction or launch delays, launch failures, in-orbit failures or impaired satellite performance, the ability to successfully deploy an advanced global LEO satellite constellation, volatility in exchange rates and risks associated with domestic and foreign government regulation. The foregoing list of important factors is not exhaustive. The information contained in this news release reflects Telesat’s beliefs, assumptions, intentions, plans and expectations as of the date

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