



Telesat Begins Deploying Its Global Low Earth Orbit (LEO) Constellation with Successful Launch of Phase 1 Satellite

OTTAWA, CANADA, January 12, 2018 – Telesat announced today the successful launch of its first LEO satellite, an important milestone in the company's plans to deploy a global LEO constellation that will revolutionize broadband communications services around the world. Telesat's Phase 1 LEO satellite was launched aboard a Polar Satellite Launch Vehicle (PSLV) operated by the Indian Space Research Organization (ISRO). The spacecraft was built by Surrey Satellite Technology Ltd. (SSTL) based in the U.K., a world leader in small satellites and part of the Airbus Defence and Space group.

Telesat's LEO constellation will deliver high-performing, cost-effective, fiber-like broadband anywhere in the world for business, government and individual users. The initial constellation will consist of approximately 120 satellites by 2021 and Telesat is evaluating options to expand its system beyond this initial configuration.

The company's Phase 1 testing will demonstrate key features of Telesat's LEO system design, in particular the capability of the satellite and customer terminals to deliver a low-latency broadband experience that MEO and GEO satellites cannot provide. Telesat has installed ground infrastructure at its teleport in Allan Park in Canada to support testing and has customers in growing enterprise segments who will be participating in trials during 2018.

"Telesat has a long [record of industry firsts](#) that have brought major satellite innovations to market and our LEO constellation will be another breakthrough that transforms global communications," said Dan Goldberg, Telesat's President and CEO. "The launch of our Phase 1 satellite is the starting point in making our next generation LEO system a reality and we thank SSTL and ISRO for the success of the mission to date. Telesat is uniquely positioned to deliver the world's most advanced and capable LEO constellation given our deep technical expertise, strong track record of innovation, senior spectrum rights, and laser-like focus on customer service and support. We look forward to beginning customer trials on Telesat LEO and continuing to collaborate with industrial partners as we work to deploy a state-of-the-art, high capacity network that will deliver transformative, low latency, fiber-like broadband to commercial and government users throughout the world."

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 15 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. An additional two GEO satellites are under construction with launches planned for mid-2018. 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 "plans", "will", "expand", "breakthrough", "positioned", "look forward to", 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, 2016 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, 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 of this news release. Except as required by law, Telesat disclaims any obligation or undertaking to update or revise the information herein.

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