

For Immediate Release

December 17, 2019

**Space BD completed the prelaunch technical integration and handover process  
of In-Orbit Demonstration mission for SATLANTIS' optical payload**

***The first international project for ISS Kibo external demonstration platform i-SEEP***

Space BD Inc. ("Space BD") announced today that it completed the prelaunch technical integration for Spanish startup company, SATLANTIS' Integrated Standard Imager for Microsatellites (iSIM) on Monday December 16<sup>th</sup>, 2019. It was successfully handed over to Japan Aerospace Exploration Agency (JAXA). iSIM will be launched from Cape Canaveral, in the US, in March 2020 to the International Space Station (ISS) via SpaceX Dragon vehicle. The in-orbit demonstration (IOD) of the instrument will be performed on i-SEEP, the external platform on the JAXA "Kibo" module, and will start from April, 2020. To highlight, this is the first time that a non-Japanese technology is demonstrated on i-SEEP.



Through this IOD, SATLANTIS aims to achieve a Technology Readiness Level (TRL) 9, which is the level often required by customers, from the governments to large space companies, in order to implement new constellations of microsats based on this iSIM EO disruptive technology.

Space BD has been working on the project since February 2019 to provide one-stop support for all matters including mission definition, technical coordination, safety reviews and testing, and support for administrative procedures to SATLANTIS. The company will maintain its commitment for the project to ensure successful mission completion.

**Director General, Satellite Launch Service, Mac Kanazawa's comment:**

"We are pleased to complete all the prelaunch process for iSIM mission with one of our most important partners, SATLANTIS. I would also like to extend a special thanks to JAXA Kibo Utilization Center team for all their generous support. Space BD believes that i-SEEP on the external platform



of ISS Kibo as the easiest and most efficient in-orbit demonstration platform in space. As the exclusive official operator selected by JAXA for this i-SEEP service, and one of the world leading players in the ISS utilization, Space BD will continue our best effort to be able to lead the utilization of Kibo by accommodating diverse range of missions and users.”

■ About i-SEEP

i-SEEP is an exposed experiment platform designed to enable in-orbit demonstrations of space hardware on the ISS. As i-SEEP provides satellite bus system such as power and communication, it enables the developer to focus on the development of mission segment.

For more information, please visit: <http://iss.jaxa.jp/kiboexp/equipment/ef/i-seep/>

■ Previous press releases for this project

February 25, 2019

[Space BD and Satlantis sign an alliance to install iSIM170 on “i-SEEP”, the exposed experimental platform of the ISS JAXA module](#)

August 7, 2019

[Space BD and Satlantis successfully passed important technology milestones for iSIM 70 demonstration by i-SEEP on ISS JAXA Module and steadily move on to launch.](#)

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About this press release

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■ About SATLANTIS

SATLANTIS MICROSATS SL is a Spanish company specialized in developing high resolution Earth Observation optical payloads for small satellites all over the world, through a combination of knowledge and heritage in Astrophysics, Space, Engineering and Business. The core program is iSIM family, a high resolution optical payload line of binocular telescopes with different sizes and performance.

For more information about SATLANTIS: [satlantis.com](https://satlantis.com)

About iSIM : <https://satlantis.com/payloads.html>

■ About Space BD

Space BD delivers the optimum space transportation solutions to customers wanting to launch satellites or perform experiments in space environment. The company provides one-stop support for all matters from technical coordination to launch execution and operations support. As one of the core value propositions, Space BD also provides support for new business creation to explore new possibilities of space utilization and open up Space to other industry sectors. Since the foundation in 2017, Space BD has been pursuing its mission to accelerate the industrialization of Space.

[www.space-bd.com/en](https://www.space-bd.com/en)