

# **Space BD Inc.**

## **Company Overview**

**19<sup>th</sup> November 2018**

**Mac Kanazawa | Director, Business Development**

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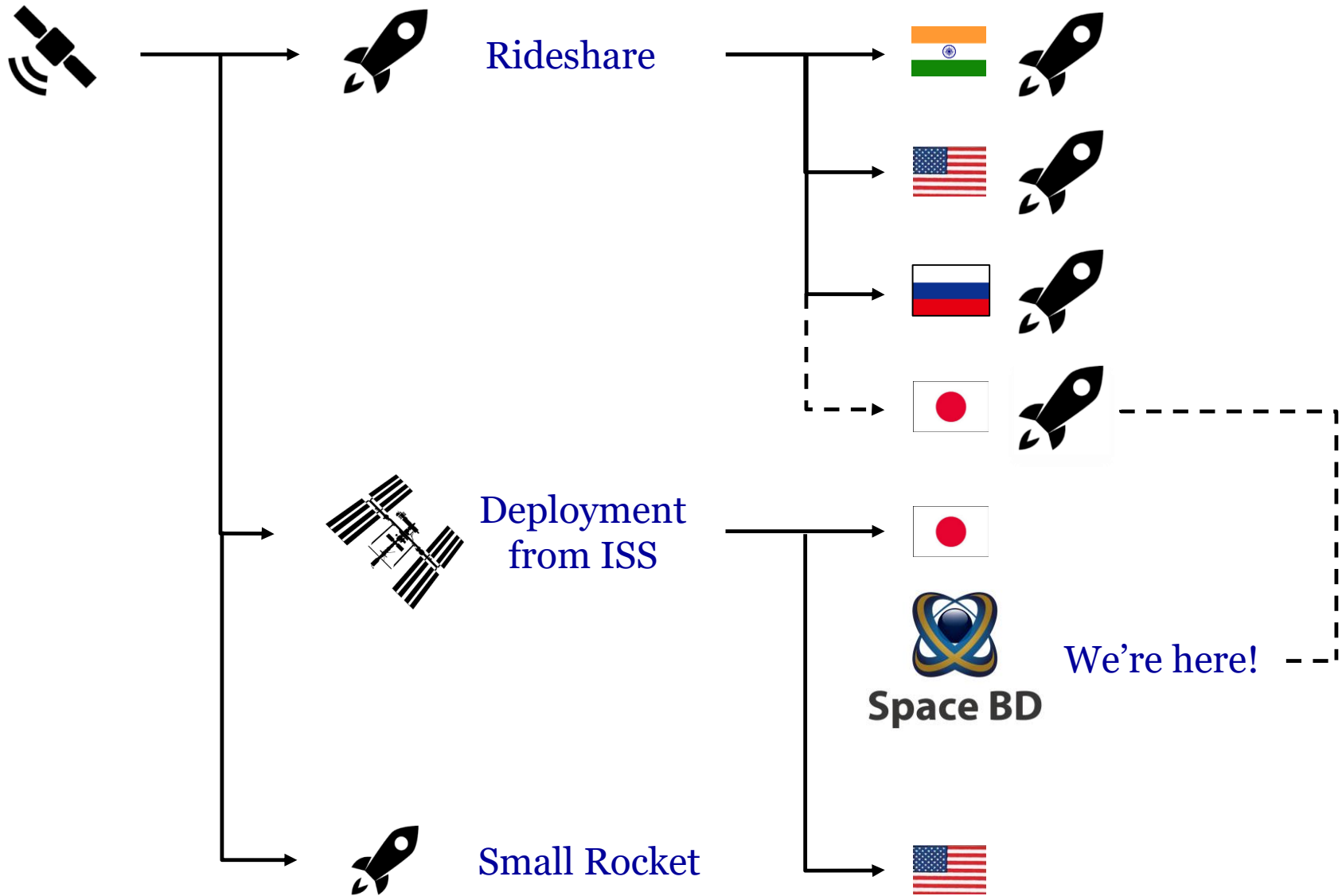


- Selected by JAXA to be the commercial operator for satellite deployment from “Kibo”
- Since 2012, more than 230 satellites in cooperation with U.S.
- JAXA to upgrade of the capability up to 48U by 2020



 *Authorized by*  
**JAXA**

# Options for Small satellites



## *From the Cradle to the Grave of Satellites*



Mission Planning



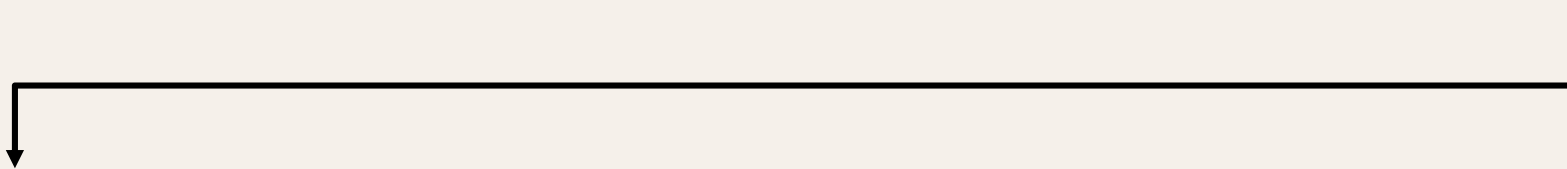
Securing Launch Opportunity



Application for Frequency Allocations



Procurement of Parts/Components



Environmental Testing



Safety Test/  
Integration



Launch/  
Deployment

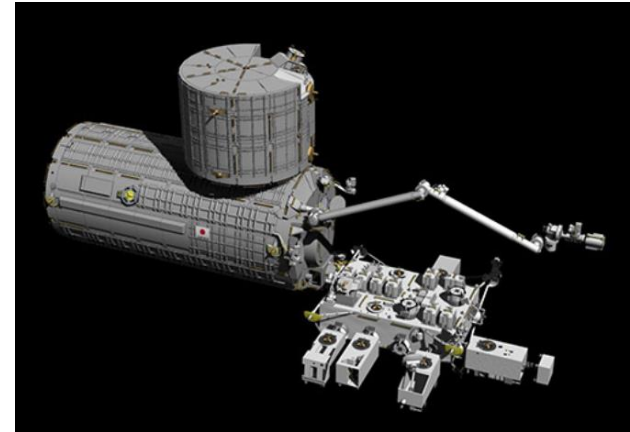


Operations/  
Analytics

## International Space Station



## “Kibo” Japanese Experimental Module

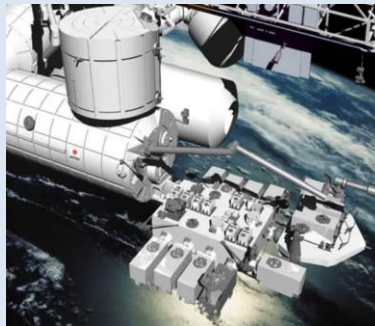


Courtesy of JAXA

### Satellite Deployment



### External Platform



### Microgravity Experiment



- Japanese first website portal for holistic space utilisation service.
- As a gateway to space for other industries and beginners in space business.

**URL : <http://space-for-space.com/>**







Item	Specification
Orbit	Altitude 380-420km Inclination 51.6°
Satellite Mass	CubeSat : 1.33kg or less per U 50kg class : 50kg or less
Satellite Size	1U, 2U, 3U and 6U 50kg class : 55 x 55 x 35cm
Deployment Direction	Nadir-aft 45 degree from the ISS nadir side

## Advantages! (vs Rideshare launches)

- Lower vibration environment
- Flexible for launch schedule
- No debris concern
- Short lifecycle





# Accelerate Commercialisation of Space

*Thank you!*

Mac Kanazawa

Director, Business Development

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