

January 14, 2025

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Securities code: 9348; Growth Market  
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### **Notice regarding Completion of “Success 1” for Mission 2**

ispace inc. (“ispace”) hereby announces that it has completed Success 1 (Completion of Launch Preparations) for Mission 2 “SMBC x HAKUTO-R VENTURE MOON” (“Mission 2”) as below.

#### 1. Progress of Mission 2 (as of January 14, 2025)

Previously in November 2024, the RESILIENCE lander to be used in Mission 2 arrived in Cape Canaveral, Florida, U.S. Now the lander and TENACIOUS rover have been successfully loaded onto the fairing of the SpaceX Falcon 9 rocket and all launch preparations are complete, in advance of a planned launch. This marks the completion of the first milestone for ispace’s Mission 2 known as SMBC x HAKUTO-R VENTURE MOON.

The rocket carrying our RESILIENCE lander and TENACIOUS rover is scheduled to launch on January 15, 2025, at 06:11 UTC.

Its launch will be livestreamed on YouTube (<https://www.ispace-inc.com/launch>) on the launch day.

|               |   |
|---------------|---|
| Launch Date*: | Wednesday, January 15, 2025   |
| Launch Time*: | 06:11 UTC<br>1:11 a.m. (U.S. Eastern Standard Time)<br>3:11 p.m., Wednesday, January 15, 2025 (Japan Standard Time) |
| Launch Site:  | Space Launch Complex 39A, Kennedy Space Center, Florida, U.S.   |

\*The above dates and times are subject to change depending on weather and other conditions. If there are any changes in launch date and time, we will promptly inform through our website's news page and/or our official social media accounts.

- ispace website’s news page: <https://ispace-inc.com/news-en>
- X: [https://x.com/ispace\\_inc](https://x.com/ispace_inc).
- LinkedIn: <https://www.linkedin.com/company/ispace-inc/>
- Facebook: <https://www.facebook.com/ispace.technologies.inc/>

#### 2. Impact on financial results

There is no impact of this announcement on our consolidated financial results.

### 3. (Reference) Mission 2 Milestones

**Mission 2 Milestones**  
We have set 10 milestones, which we aim to achieve during Mission 2. Each milestone has separate success criteria.

**Success 1** [L+2-3 days]  
**Completion of Launch Preparations**

- Complete all development processes of the RESILIENCE lunar lander before flight operations
- Contract and prepare launch vehicle, and complete integration of lunar lander into the launch vehicle
- Prove ability to flexibly manufacture and assemble landers in various geographic locations of the world

**Success 2** [L+1 hour]  
**Completion of Launch and Deployment**

- Complete successful separation of the lunar lander from the launch vehicle
- Reaffirm that ispace's lander design and structure is capable of withstanding the harsh conditions during launch on its second mission, offering valuable information towards future development and missions

**Success 3** [Several hours]  
**Establishment of a Steady Operation State**

- Establish communication link between the lander and Mission Control Center, confirm a stable attitude, as well as start stable generation of electrical power in orbit

**Success 4** [L+1-2 days]  
**Completion of first Orbital Control Maneuver**

- Complete the first orbital control maneuver, setting the lander on a course towards the Moon

**Success 5** [L+1 month]  
**Completion of Lunar Flyby**

- Complete a lunar flyby approximately one month after launch
- Begin Deep Space Flight operations

**Success 6** [L+3-3.5 months]  
**Completion of all Deep-Space Orbital Control Maneuvers before LOI**

- Complete all planned deep space orbital control maneuvers by utilizing gravity assist effects and successfully target the first lunar orbit insertion maneuver
- Reaffirm the deep-space survivability of ispace's lander designs, as well as the viability of ispace's orbital planning

**Success 7** [L+4 months]  
**Enter Lunar Orbit**

- Complete the first lunar orbit insertion maneuver and confirm the lander is in a lunar orbit
- Reaffirm the ability of ispace to deliver spacecraft and payloads into stable lunar orbits

**Success 8** [L+4.5 months]  
**Completion of all Orbital Control Maneuvers in Lunar Orbit**

- Complete all planned lunar orbital control maneuvers before the landing sequence
- Confirm the lander is ready to start the landing sequence

**Success 9** [L+4.5 months]  
**Completion of Lunar Landing Sequence**

- Complete the landing sequence, verifying key landing abilities for future missions

**Success 10** [L+4.5 months]  
**Establish Steady System State after Landing**

- Establish a steady telecommunication and power supply for the lander on the lunar surface after landing

**HAKUTO-R**

\*Timeline and contents subject to change.

| Milestone                   |  | Expected completion date | Success Criteria   |
|-----------------------------|--|--------------------------|--|
| <b>Success 1 (Complete)</b> | Completion of Launch Preparations            | Launch - 2-3 days        | <ul style="list-style-type: none"> <li>Complete all development processes of the RESILIENCE lunar lander before flight operations</li> <li>Contract and prepare launch vehicle, and complete integration of lunar lander into the launch vehicle</li> <li>Prove ability to flexibly manufacture and assemble landers in various geographic locations of the world</li> </ul> |
| Success 2                   | Completion of Launch and Deployment          | Launch + 1 hour          | <ul style="list-style-type: none"> <li>Complete successful separation of the lunar lander from the launch vehicle</li> <li>Reaffirm that ispace's lander design and structure is capable of withstanding the harsh conditions during launch on its second mission, offering valuable information towards future development and missions</li> </ul>                          |
| Success 3                   | Establishment of Steady Operation State      | Launch + several hours   | <ul style="list-style-type: none"> <li>Establish communication link between the lander and Mission Control Center, confirm a stable attitude as well as start stable generation of electrical power in orbit</li> </ul>  |
| Success 4                   | Completion of first Orbital Control Maneuver | Launch + 1-2 days        | <ul style="list-style-type: none"> <li>Complete the first orbit control maneuver, setting the lander on a course towards the Moon</li> </ul>   |
| Success 5                   | Completion of Lunar Flyby                    | Launch + 1 month         | <ul style="list-style-type: none"> <li>Complete a lunar flyby approximately one month after launch</li> </ul>  |

|            |  |                       |   |
|------------|--|-----------------------|---|
|            |  |                       | <ul style="list-style-type: none"> <li>• Begin Deep Space Flight operations</li> </ul>  |
| Success 6  | Completion of all Deep-Space Orbital Control Maneuvers before LOI (Note 1) | Launch + 3-3.5 months | <ul style="list-style-type: none"> <li>• Complete all planned deep space orbit control maneuvers by utilizing gravity assist effects and successfully target the first lunar orbit insertion maneuver</li> <li>• Reaffirm the deep-space survivability of ispace's lander designs, as well as the viability of ispace's lunar planning</li> </ul> |
| Success 7  | Enter Lunar Orbit  | Launch + 4 months     | <ul style="list-style-type: none"> <li>• Complete the first lunar orbit insertion maneuver and confirm the lander is in a lunar orbit</li> <li>• Reaffirm the ability of ispace to deliver spacecraft and payloads into stable lunar orbits</li> </ul>  |
| Success 8  | Completion of all Orbital Control Maneuvers in lunar orbit                 | Launch + 4.5 months   | <ul style="list-style-type: none"> <li>• Complete all planned lunar orbital control maneuvers before the landing sequence</li> <li>• Confirm the lander is ready to start the landing sequence</li> </ul>   |
| Success 9  | Completion of Lunar Landing Sequence                                       | Launch + 4.5 months   | <ul style="list-style-type: none"> <li>• Complete the landing sequence, verifying key landing abilities for future missions</li> </ul>  |
| Success 10 | Establish Steady System State after Landing                                | Launch + 4.5 months   | <ul style="list-style-type: none"> <li>• Establish a steady telecommunication and power supply for the lander on the lunar surface after landing</li> </ul>   |

(Note 1) LOI: Lunar Orbital Insertion

#### 4. (Reference) Mission 2 Overview

# Mission 2

### Mission Description

- The RESILIENCE lander, with hardware validated through Mission 1, will be utilized aiming to improve mission maturity and complete validation of lunar landing technology
- TENACIOUS micro rover developed by European entity will be validated for the first time, contributing to future lunar surface exploration
- Transaction of lunar regolith will be executed between NASA and ispace


### Lander etc. to be used

**RESILIENCE Lander**

**Size**  
Approx. 2.3m tall by 2.6m wide (legs deployed)

**Mass**  
Approx. 1,000kg (Wet: fully fueled)  
Approx. 340kg (Dry: unfueled)

**Design Payload Capacity**  
Up to 30kg




**TENACIOUS Micro Rover**

**Design**  
Lightweight to withstand vibrations during transit to the lunar surface

**Mass**  
Approx. 5kg


**Design Payload Capacity**  
Up to 1kg



### Payload Customers


Total Contract Amount:  
Approx.

**\$16** MM<sup>(2)</sup>




Takasago  
Thermal Engineering

Water-splitting experiment




euglena

Lunar algae-cultivation equipment




BANDAI NAMCO

"Space Century Charter" plate



Deep Space Radiation Probe



Moon House (artwork)

(1) The values are rounded off to integral values