

Company name: ispace, inc.  
 Name of representative: Takeshi Hakamada, Representative Director and CEO  
 Securities code: 9348; Growth Market  
 Inquiries: Jumpei Nozaki, Director and CFO  
 (Telephone: +81-03-6277-6451)

**Notice regarding Completion of “Success 3” for Mission 2**

ispace inc. (“ispace”) hereby announces that it has completed Success 3 (Establishment of Steady Operation State) for Mission 2 “SMBC x HAKUTO-R VENTURE MOON” (“Mission 2”) as below.

1. Progress of Mission 2 (as of January 15, 2025)

As announced today, ispace had completed Success 2 (Completion of Launch and Deployment). Now, ispace has established a communication link between the RESILIENCE lander and the Mission Control Center in Nihonbashi, Tokyo, Japan, confirmed a stable attitude as well as started stable generation of electrical power in orbit. This marks the completion of Success 3 of Mission 2 Milestones.

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+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>
<b>Success 2 (Complete)</b>	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>
<b>Success 3 (Complete)</b>	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> <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

### Payload Customers

Total Contract Amount:  
Approx.

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



Water-splitting experiment



Lunar algae-cultivation equipment



Deep Space Radiation Probe



"Space Century Charter" plate



Moon House (artwork)

### 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



**RESILIENCE**

#### TENACIOUS Micro Rover

##### Design

Lightweight to withstand vibrations during transit to the lunar surface

##### Mass

Approx. 5kg

Design Payload Capacity  
Up to 1kg



**TENACIOUS**

(1) The values are rounded off to integral values